

24 Hours from

Sent By

Record

Farm, No. of Lease

District Lincoln County West Virginia

Well No. 118

Date of Location

Drilling Commenced June 28th, 1909  
 Drilling Completed August 10th, 1909

G. I. Titus & Company

**CASING RECORD**

No.	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED TO FORM COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
1	230		230		230				230					
2	1635		1635		1635				1635					
3	1704		1704		1704				1704					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size of Shot	Length of Shot	Top of Shot	Bottom of Shot	
Coal	180	164									
Coal	220	225		8	18	09	120				
Sand	985	1525		4	20	10	90				
Little Line	1590	1608									
Big Line	1610	1752									
Big Injun	1760	1794									
Screen Sand	2235	2254									

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015

WV Department of Environmental Protection

REMARKS:

Water well drilled 118'  
 Water in Salt Sand at 1025'  
 E.I. = 756.42

ABANDONED

No.	Casing Feet	Water Left In

REMARKS:

47-043-00231

Well No. 2 Jonas V. Alford Farm 123 Acres  
 Lease No. 75059 Summit District Lincoln County W. Va. State  
 Contractor Meabon Drilling Co. Contractor  
 Drilling Commenced 1-24-1938 Drilling Completed 3-9-1938  
 N. S. E. W. Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Red Rock		15		
Sand	15	25		
Gravel - 10"		17		
Red Rock	25	60		
Sand	60	70		
Water, 3 Barrels Per Hr.		65		
Red Rock	70	130		
Sand	130	155		
Slate	155	272		
Gravel, 8 1/4"		211-11"		
Red Rock	272	380		
Sand	380	415		
Slate	415	425		
Broken Sand	425	705		
Water, Fresh, 1 Barrels Per Hour		570	570	
Slate + Shells	705	810		
Slate	810	865		
Sand	865	960		
Slate	960	965		
Salt Sand	965	1160		
Water, Hole Full		1130		

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					

Production First 24 Hours.....Bbls. Gas Test.....  
 Approved by..... Superintendent

47-043-00231

Well No. <b>2</b>	<b>Jonas V. Alford</b> (Continued) Farm		Acres	
Lease No.	Township	County	State	
Contractor		19	Contractor	
Drilling Commenced	N.	S.	E.	
Drilling Completed	W.	Elevation		
Rock Formation		Top	Bottom	
			Steel Line Measurement	
			Remarks	
Broken Sand		1160	1170	
Sand, White		1170	1398	
Slate		1398	1400	
Sand, Hard		1400	1518	
Slate		1518	1520	
Mason Sand		1520	1575	
Little Linn		1575	1600	
Black Slate		1600	1607	
Big Linn		1607	1780	
Casing, 6 7/8"			1756	
Gas			1735	
Big Injun		1780	1823	
Red Rock		1823	1825	
Gray Sand		1825	1840	
Slate + Shells		1840	1985	
Casing, 5 3/16"			1946	
Blue Linn, Hard		1985	2020	
Slate		2020	2248	
Copper Shale		2248	2282	
Purua Sand		2282	2302	
Slate		2302	2303	
Total Depth			2303	2303

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Put in Well		Pulled Out		Left in Well		Shot Date 3-15-38	
Size	Feet	In	Feet	In	Feet	In	Amount 90 gts.
10"	17						Sand 2284-2302
8 1/4"	211	11					Result Open Flow
6 7/8"	1756						150 ft. of Fluid in Hole
5 3/16"	1946						When Shot
2" U.E.	2294	4					Packer Size 0W3 Hook Well
							5 3/16" x 6 7/8" x 10"
							Depth Set 1946

Production First 24 Hours... Oil Bbls. Gas Test.....

Approved by B. H. Crummett Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-00396

Well No. 3	Jonas V. Alford	Farm	A
Lease No. 79059	Duval	Lincoln County	W. Va. S
S.S. Stephens	Contractor	Black Drilling Company	Dr. Contra
Drilling Commenced May 3 1943	Drilling Completed	June 29 1943	
N. S. 79 E.	W. 75	Elevation 420	Ground 926.4

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Surface	0	30		
Blue Slate	30	75		
10 3/4" casing		32		
Red Rock	75	100		
Blue Slate	100	105		
Red Rock	105	200		
White Slate	200	260		
Sand	260	275		
White Slate	275	450		8 5/8" casing 339
White Sand	450	525		
Slate	525	700		
Sand	700	750		
Slate	750	860		
Lime Shells	860	900		
Slate	900	1085		
Gas Sand	1085	1110		
Slate	1110	1130		
Salt Sand	1130	1520		Soft Water 1185
Slate	1520	1525		
Salt Sand	1525	1700		
Slate	1700	1705		
Little Lime	1705	1725		

continued below

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMEN

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.						

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Production First 24 Hours ..... Bbls. Gas Test .....

47-043-00396

Well No. 3 Jonas V. Alford Farm Ac  
 Lease No. 79059 Duval Township District Lincoln County W. Va. St  
 P.S. Stephens Contractor Black Drilling Company - Inc. Contrac  
 Drilling Commenced May 3 1943 Drilling Completed June 29 1943  
 N. S. 79 E. W. 75 Elevation Floor 930 Ground 0

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Pencil Cave	1725	1728	1728	7" casing 1745ft
Big Lime	1728	1912		
Gas		1800		
Gas	1845			
Big Limestone Sand	1912	1965		
Slate and Shells	1965	2060		
Hard Shell	2060	2115		
Slate and Shells	2115	2388		
Brown Shale	2388	2407		
Bea Sand	2407	2431	2407	
Oil	2412	2420		
Total Depth		2432	2432	Gas test in Big Lime shot was 1.4 water 1' of Gas test after shot 28/10 op. 63.225 cu ft. Well 46 MCF daily - well now ing 20 bbls oil per wa Bailed 10 bbls oil from its first days product

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREME

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
10-3/4	32						First 5/4/43	Second 9			
8-5/8	339		339				90 lbs	150	Good - shot caused sand cave making a large shot hole		
7	1745										
2" U.E.	2405								6 5/8 x 8 1/4" Midget B		
											1745 Ft.

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

0 1 0

47-043-60397

Well No. 4 Jonas V. Alford Farm Acres  
 Lease No. 75059 Duval Township Lincoln County W. Va. State  
 S.P. Stephens Rig Contractor Black Drilling Co. Drilling Contractor  
 Drilling Commenced 2-2-1943 Drilling Completed 4-20-1943  
 N. S. 79 E. W. 75 Elevation 830 - Floor 870.19 - Ground

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Surface	0	12		
Lime and Shale	12	20		
Red Mud	20	40		
White Slate	40	60		
Red Mud	60	100		
White Slate	100	140		
Lime Shells	140	150		
White Slate	150	200		
Red Clay	200	220		
White Slate	220	250		
Sand	250	270		
Slate and Shells	270	280		
8 5/8" Casino		304	304	
White Sandstone	380	545		
sl. Slate and Shells	545	595		
White Sandstone	595	695		
Slate and Shells	695	780		
White Sandstone	780	830		
Slate and Shells	830	1095		
Salt Sand	1095	1170		
Slate	1170	1185		
Salt Sand	1185	1355		

Continued below - opposite

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date
	Feet	In.	Feet	In.	Feet	In.	
							Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours.....Bbls. Gas Test.....

47-043-00397

Well No. 4 **Jonas V. Allford** Farm Ac  
 Lease No. 75059 Duval Township Lincoln County W. Va. St.  
 S.S. Stephens Rig Contractor Black Drilling Co. Drilling Contractor  
 Drilling Commenced 2-2-1943 Drilling Completed 4-20-1943  
 N. S. 79 E. W. 75 Elevation 830 Floor 179.29 Ground

Rock Formation	Continued Top	from above Bottom	Steel Line Measurement	Remarks
Slate	1355	1363		
Salt Sand	1363	1455		
Slate	1455	1457		
Salt Sand	1457	1560		
White Slate	1560	1564		
Salt Sand	1564	1595		
Slate	1595	1600		
Salt Sand	1600	1628		
Slate	1628	1630		
Maxon Sand	1630	1650		
Slate	1650	1652		
Little Lime	1652	1680		
Pencil Cave	1680	1683		
Big Lime	1683	1658		
7" casing		1700	1700	
Gas	1754	1764		2" Water. 2" C
5 1/2" casing		1782	1782	
Gas		1802		8" Wat 1" C
Big Injun Sand	1858	1918		
Slate and Shells	1918	1932		
Hard Shells	1932	1975		
Slate and Shells	1975	2015		

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Continued next

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount Sand Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.				

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

47,043-00397

Well No. 4 Jonas v. Alford Farm Acres  
 Lease No. 75059 Duval Township Lincoln County W. Va. State  
 S.P. Stephens Rig Contractor Black Drilling Co. Drilling Contractor  
 Drilling Commenced 2-2-1943 Drilling Completed 4-20-1943  
 N. S. 79 E. W. 75 Elevation 879.29 Ground

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Hard Shells	2015	2100		
Slate	2100	2340		
Brown Shale	2340	2360		
Berea Grit	2360	2380		
Oil	2367	2377		1 Bbl. per day
Total Depth		2385		
Acidized 3-24-43 - 700 Gal. acid and 800 Gal. Water - No results from acidization.				
Gas Test before acidizing 189 M Cu ft. 465 R.P.				
Gas Test after acidizing 189 M Cu ft. 465 R.P.				
Well producing Oil from Berea Sand - Gas from Big Lime.				

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date May 17, 1943 Amount 50 Quarts Sand 2364 - 2382 Result Excellent - Oil increase from 1 bbl. to 15 bbls. No Fluid in hole when shot. Packer Size B.W. Midget 7 x 8 5/8 x 16 Depth Set 1720 Ft.
	Feet	In.	Feet	In.	Feet	In.	
8 5/8"	304		304				
7"	1700						
5 1/2"	1782		1782				
2"	2375	S.L.					

Production First 24 Hours 15 Bbls. Gas Test 189 MCF

Approved by A. L. Chummitt Superintendent

47-043-00474

JUN 01 2015

WV Department of  
Environmental Protection



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



WELL RECORD

Permit No. Lin-474

Company South Penn Natural Gas Company  
Address Union Trust Bldg. Parkersburg, W. Va.  
Farm Jonas V. Alford Acres 123  
Location (waters) -----  
Well No. 5 Elev. 883.07  
District Duval County Lincoln  
The surface of tract is owned in fee by F. E. Alford  
Garretts Bend, W. Va.  
Mineral rights are owned by Jonas V. Alford et al  
same as above Address -----  
Drilling commenced January 29, 1944  
Drilling completed April 8, 1944  
Date Shot 4/18/44 From 2360 To 2381  
With 90 quarts

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of packer
18			Wiget R.H.
12			Size of
10			6-5/8x6
8 1/2	327	Pulled	Depth set 2023
6 1/2	2023		
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in. ----- Inch  
/10ths Merc. in. ----- Inch  
Volume ----- Cu. Ft.  
Rock Pressure ----- lbs ----- hrs.  
Oil 20 bbls per week bbls., 1st 24 hrs.  
Fresh water ----- feet  
Salt water 1125 feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Earth				30			
Blue Slate			50	80			
Red Rock			80	100			
Slate & Lime			100	150			
White Slate			150	200			
Red & Blue Slate			200	250			
White Slate			250	315			
Sand			315	322			
Slate			322	400			
Sand			400	530			
Black Slate			530	555			
Sand			555	605			
Slate			605	630			
Sand			630	645			
Black Slate			645	660			
Slate & Shells			660	825			
Lime Shells			825	870			
Black Slate			870	995			
Lime			995	1040			
Slate & Shells			1040	1080			
Salt Sand			1080	1480			
Lime & Slate			1480	1500			
Sand			1500	1650			
Slate			1650	1656			
Little Lime			1656	1676			
Pencil Cave			1676	1680			
Big Lime			1680	1856			
Big Unjun Sand			1856	1905			
Slate & Shells			1905	2014			
Big Shell			2014	2110			
Slate & Shells			2110	2350			
Brown Shale			2350	2359			
Berea Sand			2359	2380			
Slate			2380	2381			
			Total Depth	2381			

Water 1125 Hole full

Oil Gas 2365-2375 2365-Show

(Over)



No. 75059

Acres 123

Farm Name ALFORD, Jonas V.

47-043-00476

Well No.

6

1 Mi. N.W. from Tanga  
Map 1247

Waters of Road Fork of Trace Fork

S. 79 E. W. 75

Location Made January 6, 1944

Purchased From

District Duval

Rig Completed May 12, 1944

Date Purchased

County Lincoln

Drg Commenced January 21, 1944

Sold To

State West Virginia

Drg Completed March 14, 1944

Date Sold

Rights Owned By

Drg Contractor S.P.N.G.Co. Drlg. Tools Date Abandoned

FORMATION

CASING RECORD

Kind	Top	Bottom	Steel Line Measurement	Tests
Ice		8		
Block	8	80		
	80	125		
	125	165		
Shells	165	300		
3" casing		273	273	
	300	480		
Shells	480	535		
	535	560		
Shells	560	735		
	735	770		
Shells	770	880		
	880	930		
Shells	930	950		
	950	1000		
Sand	1000	1580		
		1028		Hole Full
lime	1580	1605		
	1605	1608	1608	
LIME	1608	1792		
	1792	1795		
INJUN Sand	1795	1848		
Shells	1848	1858		
Shells	1858	1948		
Shell	1948	2005		
casing		1959	1959	
Shells	2005	2265		
n Shale	2265	2290	2290	
A Sand	2290	2312		
	2295	2507		Show
	2312	2317	2317	
L DEPTH		2317		

Size	Bottom Casing (Steel Line)	Put In Well (Tally Meas.)	Pulled (Tally Meas.)	Cemented
8-5/8	273		273	Date
7	1959			Size Csg.
2" U.E.	2300			Top "
				Bot. "

PACKERS AND SHOES

Kind	Size	Depth Set	Date Set
Midget Bottom Hole	6-5/8"x8 1/4"	1959	March 9, 1944

TORPEDO RECORD

Date	No. Qts.	Size Shell	Top Shot	Bottom	Results
March 16, 1944	90	6'6"x5 1/2"	2295	2314	Fair

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

DRILLING DEEPER

Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD

Filled With	From	To	PLUG		
			Size	Kind	Depth

Prod.	Sand	* At Completion	* 30 Days After	*
	Berea	8Bbls.wk.		

APPROVED \_\_\_\_\_ Supt.

47-043-02203

Production } Barea Sewer Hble. Approved  
 First 24 Hours from } Sewer EPL. D.

Marysle Alford Farm, No. of Lease No. 100  
 Duval District Lincoln County West Virginia  
 Well No. One Date of Location 19 19  
 Rig Commenced 19 }  
 Rig Completed 19 }  
 Drilling Commenced October 12th, 1909 }  
 Drilling Completed November 23rd, 1909 } G.L. Titus & Company, Contractor

CASING RECORD														
Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BY POOR CONNECTION		LEFT BY OTHER	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
10	21		21		21				21					
8	225		225		225		225							
5-5/8	1616		1616		1616				1616					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size of Shot	Length of Shot	Time of Shot	Notes on Shot	
Water Sand	115	182									
Coal	180	184		1	7	10	110				
Sand	295	425		3	31	10	170				
Coal	520	524									
Sand	528	616									
Coal	710	716									
Sand	724	960									
Salt Sand	995	1550									
Maxon Sand	1577	1582									
Little Lime	1582	1609									
Pennell Cave	1609	1614									
Big Lime	1614	1797									
Big Injun Sand	1797	1848									
Black Lime	1944	2020									
Coffee Shale	2280	2801									
Berea Sand	2801	2820									

REMARKS:

2 - Bailers water at 120'

6 - Bailers Water at 170'

Water in Salt Sand at 1006'

Gas in Big Lime at 1694'

ABANDONED

Size	Casing Pulled	Casing Left In

OPERATOR:

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Production First 24 Hours from } AREA \_\_\_\_\_ GALS. Approved. 47.043-02204  
 Sand \_\_\_\_\_ Bbls. By \_\_\_\_\_ Supt.

**Lafayette Alford** Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 Duval District District Lincoln County West Virginia State \_\_\_\_\_  
 Well No. **Two** Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } Contractor \_\_\_\_\_  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }  
 Drilling Commenced August 22nd, 19 18 }  
 Drilling Completed October 11th, 19 18 } Holley Oil & Dev. Company, Contractor.

**CASING RECORD**

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8	345		345		345		345							
1-5/8	1900		1900		1900				1900					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot	
Red Rock		275									
Lime	275	280		10	16	18	90				
Slate	280	330		7	14	14	120				
Red Rock	330	370									
Sand & Slate	370	985									
Red Rock	985	1010									
Sand	1010	1080									
Lime, Sand & Slate	1080	1255									
Salt Sand	1255	1805									
Slate	1805	1810									
Maxon Sand	1810	1848									
Little Lime	1848	1888									
Pencil Cave	1888	1895									
Big Lime	1895	2050									
Big Injun Sand	2050	2080									
Slate & Shells	2080	2519									
Brown Shale	2519	2549									
Berea Sand	2519	2569									

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of Environmental Protection

ABANDONED \_\_\_\_\_

Size	Casing Pulled	Casing Left In

REMARKS:

Production

First 24 Hours from

WATER Sand Bbls.

Approved.

47.043-02205

Sand Bbls.

By

Supt.

Lafayette Alford

Farm, No. of Lease

No. Acres

Duval

District

Lincoln

County

West Virginia

State

Well No. Three

Date of Location

19

Rig Commenced

19

Rig Completed

19

Contractor

Drilling Commenced

September 20th, 1916

Drilling Completed

November 17th, 1916

Wayland Oil & Gas Company Contractor

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.
8-5/8	1870		1870		1870				1870					
-3/16	2117		2117		2117				2117					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot	
Sand	679	865									
Shells	865	1065		11	23	16	50				
Slate	1065	1200		1	16	36	40	2-8'	2522	2538	
Salt Sand	1200	1775									
Slate	1775	1793									
Little Lime	1793	1842									
Pencil Cave	1842	1850									
Big Lime	1850	2025									
Big Injun	2025	2076									
Slate	2076	2110									
Lime	2110	2130									
Slate	2130	2501									
Brown Shale	2501	2521									
Berea Sand	2521	2540 1/2									

REMARKS:

Three bailers of water at 760 feet  
 Hole full of water at 1255'  
 A little gas at 2005 feet  
 Water at 2050'  
 Oil & Gas from 2526 to 2532'

ABANDONED

Size	Casing Pulled	Casing Left In

RECEIVED  
 Office of Oil and Gas

REMARKS: JUN 01 2015

WV Department of  
 Environmental Protection

47.043-02206

Well No. <b>4 Laffayette Alford</b>		Farm <b>86</b> Acres	
Lease No. <b>75060 Duval</b>		Township <b>Lincoln</b> County <b>N. Va.</b> State	
Contractor <b>Saul &amp; Stephens</b>		Contractor <b>S. F. Drg. Dept.</b>	
Drilling Commenced <b>Mar. 11 1929</b>		Drilling Completed <b>Apr. 26 1929</b>	
N.	S. <b>80</b>	E.	W. <b>75</b>

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Conductor		11'		
Red Mud	0	210	El = 997.40 907.25	
Sand	210	325		
Slate	325	360		
Sand	360	390		
Slate	390	455		
Sand	455	505		
Coal	505	510		235/
Sand	510	575		22 1/2
8 1/4" Casing		550		3 1/2
Slate	575	600		
Sand	600	750		
Slate	750	765		
Sand	765	790		
Slate	790	880		
Lime	880	920		
Slate	920	1125		
Salt Sand	1125	1758		
Water, Hole Full, Salty		1210		
Little Lime	1758	1788		
Pencil Cave	1788	1794		
Big Lime	1794	1988	1794	
6 5/8" Casing		1812	1812	

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT**

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount
	Feet	In.	Feet	In.	Feet	In.		
								Sand Result
<i>Continued</i>								
								Packer Size
								Depth Set

Production First 24 Hours ..... Bbls. Gas Test.....

Approved by..... Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Well No. **4** *Laffayette Alford* Farm **86** Acres  
 Lease No. **75060** *Survial* Township *Lincoln* County *W. Va.* State  
 Contractor *Laul & Stephens* District *S. P. Org. Dept.* Contractor  
 Drilling Commenced *Mar. 11 1929* Drilling Completed *Apr. 26 1929*  
 N. **S. 80** E. **W. 75**

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
<i>Big Lnjun</i>	<i>1988</i>	<i>2025</i>		
<i>Slate</i>	<i>2025</i>	<i>2100</i>		
<i>Lime</i>	<i>2100</i>	<i>2190</i>		
<i>Slate</i>	<i>2190</i>	<i>2458</i>		
<i>Brown Shale</i>	<i>2458</i>	<i>2478</i>		
<i>Berea Sand</i>	<i>2478</i>	<i>2498</i>		
<i>Oil</i>	<i>2480</i>	<i>2493</i>		
<i>Total Depth</i>		<i>2518</i>	<i>2518</i>	<i>Filled back to 2498' when tubed.</i>

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

*Shot 4-20-27-29 gts. at 2490-2493 ft*

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand	Result
	Feet	In.	Feet	In.	Feet	In.				
<i>8 1/4"</i>	<i>551</i>	<i>-</i>			<i>551</i>		<i>4-27-29</i>	<i>80 gts.</i>	<i>Berea (2479-2496)</i>	<i>Open flow</i>
<i>6 5/8"</i>	<i>1827</i>	<i>-</i>			<i>1827</i>					
<i>2 1/2"</i>	<i>2498</i>									
<i>5 1/2"</i>	<i>1900</i>									

Packer Size *6 5/8" x 8 1/4" x 5" Midget B.H.P.*  
 Depth Set *1812*

Production First 24 Hours *3 1/2* Bbls. Gas Test.....  
 Approved by *A. H. Anschutz* Superintendent

47.043-02211

No. of Well No. 2 on Cesar Bill Farm, Academy Field, Durant District, Lincoln County, W.Va.

Rig Commenced 19 Completed 19

Drilling Commenced Apr 6 1900 Completed May 20 1900

Cost per foot, 1.10 Contractor, Walter Jones Address Haystack Hill

Drillers' Names, C. H. Williamson & Robert Brantley

CONDUCTOR AND CASING USED IN DRILLING.

Ucior	1 1/2 inch	1 3/4 inch	2 inch	2 1/4 inch	2 3/4 inch	3 inch	3 1/2 inch	4 inch	4 1/2 inch	5 inch
1/2			315'			1680				

CONDUCTOR AND CASING LEFT IN WELL.

Ucior	1 1/2 inch	1 3/4 inch	2 inch	2 1/4 inch	2 3/4 inch	3 inch	3 1/2 inch	4 inch	4 1/2 inch	5 inch
1/2						1680				

OIL WELL

GAS WELL

Shot	Size of Torpedo	1st Day's Production	Tabing	Seeds	Size of Packer	Depth Set	Tabing	1st Struck Pressure	Block Pressure
1/2	80 in.	250 gpd	11/12	120 gpd					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
oil	-	40	40	frack water at 70'
oil	40	100	60	17 sanders per hour
oil	100	150	50	oil slick with water
oil	150	200	50	fine sand streak at 1135'
oil	200	250	50	
oil	250	280	30	Gas in big surge at 1800'
oil	280	350	70	
oil	350	480	130	
oil	480	530	50	
oil	530	700	170	
oil	700	1035	335	
oil	1035	1600	565	
oil	1600	1640	40	
oil	1640	1670	30	
oil	1670	1680	10	
oil	1680	1860	180	
oil	1860	1905	45	
oil	1905	2368	463	
oil	2368	2386	18	
oil	2386	2390	4	

Office of Oil & Gas Permitting

JUL 1 2003

RECEIVED

Office of Oil & Gas

WV Dept. Permitting

Environmental Protection

AUG 02 2001

WV Department of Environmental Protection

RECEIVED Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

RECORD of Well No. 6 on U. T. Bell Farm Acres Buffetts  
old Field, Duval District Lincoln County, W. Va.  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed 47.043-02212 19\_\_\_\_  
 Drilling Commenced June 7 1911, Completed July 20 1911  
 Cost per foot, 1.10 Contractor, Miller Bros Address, Yawkey, W. Va.  
 Drillers' Names, \_\_\_\_\_

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 2-10 inch	4 1/2 inch
15							1885'			

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 2-10 inch	4 1/2 inch
15							1885'			

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/21/11	90 gr.	2 m. shot	8 1/4	130 gr.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		15	15	430' 10" hole
Red Rock	15	100	85	
Slaty	100	150	50	hole filled up from
Red Rock	150	175	25	salt sand at 1310'
Slaty	175	200	25	
Sand	200	225	25	little gas at 1380'
Slaty	225	340	115	
Sand	340	370	30	E-1-1065-12
Slaty	370	400	30	
Sand	400	430	30	
Slaty	430	460	30	
Sand	460	530	70	
Slaty	530	580	50	
Sand	580	900	320	
Slaty & Shells	900	970	70	
Sand	970	1000	30	
Slaty & Shells	1000	1150	150	
Sand & slaty	1150	1230	80	
Top salt sand	1230	1790	560	
Slaty & Shells	1790	1830	40	
Little Lime	1830	1865	35	
Pencil Cove	1865	1875	10	
Big Lime	1875	2040	170	
" Lime	2040	2120	80	
Bursa Shale	2120	2544	424	
Bursa Sand	2544	2565	21	

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

Record of Well No. 1 on E. P. Bell Farm 47-043-31057 Acres 1.5

Field, Duval District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Oct 14 1909, Completed Dec 7 1909  
 Cost per foot, 1.10 Contractor, Mc Bride & Mc Bride Address, Princeton, W. Va.  
 Drillers' Names, \_\_\_\_\_

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/8 Inch	5 1/2 - 10 Inch	4 1/2 Inch
		10				1655				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/8 Inch	5 1/2 - 10 Inch	4 1/2 Inch
		10				1655				

**OIL WELL**

**GAS WELL**

Gun Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
2 1/4 in	90 qt	2 1/2 Shot	1 1/2 x 13 Log	3 1/2 Shot	1 1/2 x 13	150 qt			

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand & Shales	10	340	330	
Coal	330	335	5	
Sand & Shales	335	420	385	
Salt Sand	420	1580	660	Water, Hole full 1020
Slate	1580	1590	10	
Blue Limestone	1590	1630	40	
Pencil Slate	1630	1642	12	
Big Limestone	1642	1822	180	6 1/8 Casing 1655
Shale	1822	1895	73	
Shale & Shell	1895	2250	355	
Black Slate	2250	2320	70	
Brown Shale	2320	2333	13	
Bona Sand	2333	2353	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 2 on E. P. Bell Farm 47-043-30477 Acres

Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Sept 22 1909 Completed Nov 7 1909

Cost per foot. 1.15 Contractor Montgomery & ... Address ...

Drillers' Names J. G. ... and Harry ...

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch
16						1690				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch
16						1690				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tabling	Rods	Size of Packer	Depth Set	Tabling	1st Minute Pressure	Rock Pressure
11/10/09	4 1/2	2 1/2 bbls	3 1/2 in	150 ft					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		16	16	
Red shale	16	31	15	
Sand	31	131	100	oil
Shale	131	171	40	
Red shale	171	211	40	
Sand	211	295	84	
Shale	295	300	5	4 Barrels water at 470
Sand	300	310	10	
Sand	310	355	45	
Shale	355	530	175	
Sand	530	650	120	
Shale	650	700	50	
Sand	700	820	120	
Shale	820	900	80	
Sand	900	960	60	
Lime	960	1000	40	
Salt sand	1000	1595	595	100 feet of water at 1060
Red shale	1595	1605	10	
Shale	1605	1640	35	
Little lime	1640	1680	40	
Red shale	1680	1690	10	
Big lime	1690	1870	180	
Shale	1870	1945	75	
Shale & shells	1945	2348	403	Gas at 2285
Red shale	2348	2378	30	
Red shale	2378	2399	21	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

Record of Well No. 3 on E. P. Bell Farm 47-043 - 31058 Acres ✓

Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov- 17 1909 Completed \_\_\_\_\_ 19\_\_\_\_  
 Cost per foot. 1.15 Contractor W. H. ... & ... Address ...  
 Drillers' Names ...

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
<u>2</u>						<u>1800</u>				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
<u>12</u>						<u>1800</u>				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>12:40</u>	<u>40 gr.</u>	<u>2<sup>nd</sup> shot</u>	<u>4 1/2 in.</u>	<u>2 1/2 in.</u>					
	FORMATION		TOP	BOTTOM	THICKNESS		REMARKS		

<u>Salt &amp; clay</u>				<u>12</u>	<u>12</u>		
<u>Sand</u>			<u>12</u>	<u>32</u>	<u>30</u>		
<u>Slate</u>			<u>32</u>	<u>122</u>	<u>90</u>		
<u>Sand</u>			<u>122</u>	<u>192</u>	<u>70</u>		
<u>Slate</u>			<u>192</u>	<u>242</u>	<u>50</u>		
<u>Sand</u>			<u>242</u>	<u>330</u>	<u>88</u>		
<u>Coal</u>			<u>330</u>	<u>335</u>	<u>5</u>		
<u>Slate &amp; sand</u>			<u>335</u>	<u>1065</u>	<u>730</u>		
<u>Slate</u>			<u>1065</u>	<u>1105</u>	<u>40</u>		
<u>Salt sand</u>			<u>1105</u>	<u>1700</u>	<u>595</u>		
<u>Slate</u>			<u>1700</u>	<u>1710</u>	<u>10</u>		
<u>Red brick</u>			<u>1710</u>	<u>1720</u>	<u>10</u>		
<u>Lime</u>			<u>1720</u>	<u>1750</u>	<u>20</u>		
<u>Slate</u>			<u>1750</u>	<u>1750</u>	<u>10</u>		
<u>Little lime</u>			<u>1750</u>	<u>1790</u>	<u>40</u>		
<u>Onion rock</u>			<u>1790</u>	<u>1795</u>	<u>5</u>		
<u>Big lime</u>			<u>1795</u>	<u>1975</u>	<u>180</u>		
<u>" Superior</u>			<u>1975</u>	<u>2045</u>	<u>70</u>		
<u>Slate</u>			<u>2045</u>	<u>2105</u>	<u>60</u>		
<u>Small lime</u>			<u>2105</u>	<u>2205</u>	<u>100</u>		
<u>Slate &amp; lime</u>			<u>2205</u>	<u>2453</u>	<u>248</u>		
<u>Small lime</u>			<u>2453</u>	<u>2473</u>	<u>20</u>		
<u>Blue sand</u>			<u>2473</u>	<u>2494</u>	<u>21</u>		
<u>Slate</u>			<u>2494</u>	<u>2496</u>	<u>2</u>		

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 4 on E. P. Bell Farm 47-043-31059 Acres

Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_

Drilling Commenced May 11 1910 Completed June 24 1910

Cost per foot \_\_\_\_\_ Contractor W. A. & S. S. S. Co. Address Gloucest. W. Va.

Drillers' Names W. E. Hollenman and G. H. Adams

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 inch	5 1/4 inch	5 inch	4 1/4 inch
<u>14</u>										<u>1750</u>

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 inch	5 1/4 inch	5 inch	4 1/4 inch
<u>14</u>										<u>1750</u>

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Back Pressure
<u>4/25/10</u>	<u>200T.</u>	<u>2 cu ft.</u>	<u>4 1/2</u>	<u>2 1/2</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
-----------	-----	--------	-----------	---------

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Silt &amp; clay</u>		<u>14</u>	<u>14</u>	
<u>Silt</u>	<u>14</u>	<u>54</u>	<u>40</u>	
<u>Sand</u>	<u>54</u>	<u>94</u>	<u>40</u>	
<u>Silt &amp; shells</u>	<u>94</u>	<u>344</u>	<u>250</u>	
<u>Sand</u>	<u>344</u>	<u>404</u>	<u>60</u>	
<u>Coal</u>	<u>404</u>	<u>410</u>	<u>6</u>	
<u>Silt</u>	<u>410</u>	<u>450</u>	<u>40</u>	
<u>Sand</u>	<u>450</u>	<u>540</u>	<u>90</u>	
<u>Silt &amp; Sand</u>	<u>540</u>	<u>965</u>	<u>425</u>	<u>2</u> " " " " " <u>550'</u>
<u>Silt</u>	<u>965</u>	<u>1005</u>	<u>40</u>	
<u>Silt Sand</u>	<u>1005</u>	<u>1645</u>	<u>640</u>	<u>hole full of water at 1125'</u>
<u>Silt</u>	<u>1645</u>	<u>1665</u>	<u>20</u>	
<u>Lime</u>	<u>1665</u>	<u>1685</u>	<u>20</u>	
<u>Silt</u>	<u>1685</u>	<u>1695</u>	<u>10</u>	
<u>Little Lime</u>	<u>1695</u>	<u>1730</u>	<u>35</u>	
<u>Small Lime</u>	<u>1730</u>	<u>1740</u>	<u>10</u>	
<u>Big Lime</u>	<u>1740</u>	<u>1930</u>	<u>190</u>	
<u>Big Lime</u>	<u>1930</u>	<u>2000</u>	<u>70</u>	
<u>Silt</u>	<u>2000</u>	<u>2060</u>	<u>60</u>	
<u>Sand</u>	<u>2060</u>	<u>2140</u>	<u>80</u>	
<u>Silt &amp; shells</u>	<u>2140</u>	<u>2402</u>	<u>262</u>	
<u>Brown Sand</u>	<u>2402</u>	<u>2422</u>	<u>20</u>	
<u>Brown Sand</u>	<u>2422</u>	<u>2446</u>	<u>24</u>	
<u>Silt</u>	<u>2446</u>	<u>2449</u>	<u>3</u>	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

RECORD of Well No. 5 on W. V. Bell Farm 47-043 - 30476 Acres

Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Nov 21 1910, Completed Jan 9 1911

Cost per foot, 1.15 Contractor, Yardley's Farmhouse, 1111 W. 11th St., York, Pa.

Drillers' Names, J. E. Kellerman and J. H. Stables

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	6 1/4 Inch	5 3/4 Inch	5 1/2 Inch	4 3/4 Inch
<u>15'</u>						<u>1810</u>					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	6 1/4 Inch	5 3/4 Inch	5 1/2 Inch	4 3/4 Inch
<u>15'</u>						<u>1810</u>					

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>11/21/10</u>	<u>4 1/2"</u>	<u>2 1/2" shot</u>	<u>4 1/2"</u>	<u>140 lb.</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil &amp; clay</u>		<u>15</u>	<u>15</u>	
<u>Shale</u>	<u>15</u>	<u>35</u>	<u>20</u>	<u>1016.73</u>
<u>Red Shale</u>	<u>35</u>	<u>95</u>	<u>60</u>	<u>No coal.</u>
<u>Sand</u>	<u>95</u>	<u>115</u>	<u>20</u>	
<u>Shale</u>	<u>115</u>	<u>135</u>	<u>40</u>	
<u>Sand</u>	<u>135</u>	<u>185</u>	<u>30</u>	
<u>Shale</u>	<u>185</u>	<u>245</u>	<u>60</u>	
<u>Sand</u>	<u>245</u>	<u>325</u>	<u>80</u>	<u>325' of 10" hole</u>
<u>Shale</u>	<u>325</u>	<u>425</u>	<u>100</u>	
<u>Sand</u>	<u>425</u>	<u>485</u>	<u>60</u>	
<u>Shale</u>	<u>485</u>	<u>545</u>	<u>60</u>	
<u>Sand</u>	<u>545</u>	<u>635</u>	<u>90</u>	
<u>Shale &amp; sand</u>	<u>635</u>	<u>1045</u>	<u>410</u>	<u>hole full of water at 1170</u>
<u>Shale</u>	<u>1045</u>	<u>1085</u>	<u>40</u>	
<u>Salt sand</u>	<u>1085</u>	<u>1700</u>	<u>615</u>	
<u>Shale</u>	<u>1700</u>	<u>1720</u>	<u>20</u>	
<u>Sgt. Rock</u>	<u>1720</u>	<u>1730</u>	<u>10</u>	
<u>Sand</u>	<u>1730</u>	<u>1750</u>	<u>20</u>	
<u>Shale</u>	<u>1750</u>	<u>1763</u>	<u>13</u>	
<u>Little sand</u>	<u>1763</u>	<u>1796</u>	<u>33</u>	
<u>Quartzite</u>	<u>1796</u>	<u>1800</u>	<u>4</u>	
<u>Big sand</u>	<u>1800</u>	<u>1985</u>	<u>185</u>	
<u>" "</u>	<u>1985</u>	<u>2040</u>	<u>55</u>	
<u>Shale</u>	<u>2040</u>	<u>2120</u>	<u>80</u>	
<u>Sand</u>	<u>2120</u>	<u>2160</u>	<u>40</u>	
<u>Shale</u>	<u>2160</u>	<u>2280</u>	<u>120</u>	
<u>Shale</u>	<u>2280</u>	<u>2468</u>	<u>188</u>	
<u>Brown shale</u>	<u>2468</u>	<u>2486</u>	<u>18</u>	
<u>Brown sand</u>	<u>2486</u>	<u>2507</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 6 on C. F. Bell Farm Acres 47-043-31000

Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced April 15 1911 Completed May 31 1911

Cost per foot, 1.15 Contractor, Yawkey & Furman Drilling Address, Yawkey, W. Va.

Drillers' Names, W. E. Miller, H. W. Bird

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 1/4 inch	4 3/4 inch
<u>16</u>						<u>1765'</u>					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 1/4 inch	4 3/4 inch
<u>16</u>						<u>1765'</u>					

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>4/11</u>	<u>90 gr.</u>	<u>2 in. shot</u>	<u>4 1/2 in.</u>	<u>200 gr.</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil &amp; clay</u>		<u>16</u>	<u>16</u>	
<u>Slate</u>	<u>16</u>	<u>56</u>	<u>40</u>	
<u>Sand</u>	<u>56</u>	<u>116</u>	<u>60</u>	
<u>Slate</u>	<u>116</u>	<u>166</u>	<u>50</u>	
<u>Sand</u>	<u>166</u>	<u>246</u>	<u>80</u>	
<u>Slate</u>	<u>246</u>	<u>336</u>	<u>90</u>	
<u>Sand</u>	<u>336</u>	<u>350</u>	<u>14</u>	
<u>Spal</u>	<u>350</u>	<u>353</u>	<u>3</u>	
<u>Slate</u>	<u>353</u>	<u>463</u>	<u>110</u>	
<u>Sand</u>	<u>463</u>	<u>503</u>	<u>40</u>	
<u>Slate</u>	<u>503</u>	<u>530</u>	<u>27</u>	
<u>Coal</u>	<u>530</u>	<u>533</u>	<u>3</u>	
<u>Slate &amp; sand</u>	<u>533</u>	<u>960</u>	<u>427</u>	
<u>Slate</u>	<u>960</u>	<u>1000</u>	<u>40</u>	
<u>Salt sand</u>	<u>1000</u>	<u>1640</u>	<u>640</u>	<u>Gas at 1100'</u>
<u>Slate</u>	<u>1640</u>	<u>1660</u>	<u>20</u>	
<u>Red Rock</u>	<u>1660</u>	<u>1670</u>	<u>10</u>	
<u>Slate</u>	<u>1670</u>	<u>1690</u>	<u>20</u>	<u>hole full of water at 1165'</u>
<u>Lime</u>	<u>1690</u>	<u>1710</u>	<u>20</u>	
<u>Slate</u>	<u>1710</u>	<u>1720</u>	<u>10</u>	
<u>Little lime</u>	<u>1720</u>	<u>1750</u>	<u>30</u>	
<u>Pencil layer</u>	<u>1750</u>	<u>1752</u>	<u>2</u>	
<u>Big lime</u>	<u>1752</u>	<u>1932</u>	<u>180</u>	
<u>Big lime</u>	<u>1932</u>	<u>1987</u>	<u>55</u>	
<u>Slate</u>	<u>1987</u>	<u>2047</u>	<u>60</u>	
<u>limestone</u>	<u>2047</u>	<u>2137</u>	<u>90</u>	
<u>Slate &amp; shells</u>	<u>2137</u>	<u>2217</u>	<u>80</u>	
<u>Slate</u>	<u>2217</u>	<u>2418</u>	<u>201</u>	
<u>Brown shale</u>	<u>2418</u>	<u>2438</u>	<u>20</u>	
<u>Brown sand</u>	<u>2438</u>	<u>2459</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of Environmental Protection



47.043 - 30482

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. \_\_\_\_\_ Oil or Gas Well 011  
(KIND)

Company O. R. De Lay  
 Address P. O. Box 49 Hamlin, W. Va.  
 Farm E. P. Ball Acres 110  
 Location (waters) \_\_\_\_\_  
 Well No. seven (7) Elev. 1021.88  
 District Duval County Lincoln  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by South Penn Natural  
Gas Co. Address Parkersburg, W. Va.  
 Drilling commenced June 17, 1911  
 Drilling completed AUG. 14, 1911  
 Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
14			Kind of Packer
12			
10			Size of
8 1/2			
6 1/2	1840'	1840'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand			1070	1720			
Little Lime			1765	1797			
Pencil Cave			1797	1800			
Big Lime			1800	1980			
Injun Sand			1980	2030			
Brown Shale			2469	2489			
Berea			2489	2508			



RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

Record of Well No. 8 on L. P. Bell Farm. Acres 47-043 - 31061

Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Aug 23 1911, Completed Oct 7 1911

Cost per foot, 1.15 Contractor, Yankey & Freeman Drill Co Address, Yankey, W. Va.

Drillers' Names, H. W. Cressel & W. E. Kellerman

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
<u>16</u>				<u>395'</u>		<u>1815'</u>				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
<u>16</u>						<u>1815'</u>				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>10/11/11</u>	<u>9000</u>	<u>2nd Shot</u>	<u>2 1/2 x 13</u>	<u>9000</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS	
<u>Soil &amp; clay</u>		<u>16</u>	<u>16</u>	<u>Cased 13' in Big Linn</u>	
<u>Slate</u>	<u>16</u>	<u>36</u>	<u>20</u>		
<u>Red Rock</u>	<u>36</u>	<u>81</u>	<u>45</u>		
<u>Sand</u>	<u>81</u>	<u>111</u>	<u>30</u>		
<u>Slate &amp; Shells</u>	<u>111</u>	<u>261</u>	<u>150</u>		
<u>Sand</u>	<u>261</u>	<u>301</u>	<u>40</u>		
<u>Slate</u>	<u>301</u>	<u>351</u>	<u>50</u>		
<u>Sand</u>	<u>351</u>	<u>381</u>	<u>30</u>		
<u>Slate</u>	<u>381</u>	<u>501</u>	<u>120</u>		
<u>Sand</u>	<u>501</u>	<u>580</u>	<u>79</u>		
<u>Coal</u>	<u>580</u>	<u>586</u>	<u>6</u>		
<u>Slate &amp; Sand</u>	<u>586</u>	<u>1075</u>	<u>489</u>		<u>Whole full of water at 1180'</u>
<u>Salt Sand</u>	<u>1075</u>	<u>1700</u>	<u>625</u>		
<u>Slate</u>	<u>1700</u>	<u>1720</u>	<u>20</u>		
<u>Red Rock</u>	<u>1720</u>	<u>1730</u>	<u>10</u>		
<u>Slate</u>	<u>1730</u>	<u>1770</u>	<u>40</u>		
<u>Little Linn</u>	<u>1770</u>	<u>1800</u>	<u>30</u>		
<u>Pencil Linn</u>	<u>1800</u>	<u>1802</u>	<u>2</u>		
<u>Big Linn</u>	<u>1802</u>	<u>1992</u>	<u>190</u>		
<u>Big Linn</u>	<u>1992</u>	<u>2052</u>	<u>60</u>		
<u>Slate</u>	<u>2052</u>	<u>2122</u>	<u>70</u>		
<u>Squaw</u>	<u>2122</u>	<u>2182</u>	<u>60</u>		
<u>Slate &amp; Shells</u>	<u>2182</u>	<u>2282</u>	<u>100</u>		
<u>Slate</u>	<u>2282</u>	<u>2471</u>	<u>189</u>		
<u>Brown Shale</u>	<u>2471</u>	<u>2491</u>	<u>20</u>		
<u>Bona Sand</u>	<u>2491</u>	<u>2512</u>	<u>21</u>		

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

RECORD of Well No. 9 on E.P. Well Farm Acres  
 Field, District County  
 Rig Commenced 19 , Completed 19  
 Drilling Commenced Oct 18 1911, Completed Dec 2 1911  
 Cost per foot, 1.15 Contractor, Yankoy & Furman Driller Address, Yankoy, W. Va.  
 Drillers' Names A. W. Ensel & W. E. Stelmann

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10-Inch	4 3/4 Inch
<u>16</u>						<u>1912</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10-Inch	4 3/4 Inch
<u>16</u>						<u>1912</u>			<u>(Pulled when abandoned)</u>	

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>12/2/11</u>	<u>80 qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Spl. &amp; Clay</u>		<u>16</u>	<u>16</u>	<u>based 12' in Big Lime</u> <u>El. 1164.68 ground</u>
<u>Shale</u>	<u>16</u>	<u>90</u>	<u>74</u>	
<u>Sand</u>	<u>90</u>	<u>240</u>	<u>150</u>	
<u>Shale</u>	<u>240</u>	<u>310</u>	<u>70</u>	
<u>Coal</u>	<u>310</u>	<u>313</u>	<u>3</u>	
<u>Sand</u>	<u>313</u>	<u>385</u>	<u>72</u>	
<u>Shale</u>	<u>385</u>	<u>410</u>	<u>25</u>	<u>4 Cordon water at 420'</u>
<u>Lime</u>	<u>410</u>	<u>480</u>	<u>70</u>	
<u>Red Rock</u>	<u>480</u>	<u>505</u>	<u>25</u>	
<u>Coal</u>	<u>505</u>	<u>510</u>	<u>5</u>	<u>610' of 10" hole</u>
<u>Sand</u>	<u>510</u>	<u>610</u>	<u>100</u>	
<u>Shale</u>	<u>610</u>	<u>645</u>	<u>35</u>	
<u>Coal</u>	<u>645</u>	<u>650</u>	<u>5</u>	
<u>Sand &amp; Shale</u>	<u>650</u>	<u>1080</u>	<u>430</u>	
<u>Spl. sand</u>	<u>1080</u>	<u>1820</u>	<u>740</u>	<u>Hole full of water at 1260'</u>
<u>Shale</u>	<u>1820</u>	<u>1825</u>	<u>5</u>	
<u>Red Rock</u>	<u>1825</u>	<u>1835</u>	<u>10</u>	
<u>Lime</u>	<u>1835</u>	<u>1852</u>	<u>17</u>	
<u>Shale</u>	<u>1852</u>	<u>1860</u>	<u>8</u>	
<u>Little Lime</u>	<u>1860</u>	<u>1897</u>	<u>37</u>	
<u>Pencil Cove</u>	<u>1897</u>	<u>1900</u>	<u>3</u>	
<u>Big Lime</u>	<u>1900</u>	<u>2085</u>	<u>185</u>	<u>Garni Big Lime at 2040</u>
<u>Big Lignite</u>	<u>2085</u>	<u>2155</u>	<u>70</u>	
<u>Shale</u>	<u>2155</u>	<u>2225</u>	<u>70</u>	
<u>Lignite</u>	<u>2225</u>	<u>2315</u>	<u>90</u>	
<u>Shale</u>	<u>2315</u>	<u>2559</u>	<u>244</u>	<u>"Abandoned"</u>
<u>Brown Shale</u>	<u>2559</u>	<u>2579</u>	<u>20</u>	<u>Mar. 20, 1926</u>
<u>Brown Sand</u>	<u>2579</u>	<u>2598</u>	<u>19</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection  
Garni Big Lime at 2040

RECORD of Well No. 10 on C. V. Bell Farm Acres 47.043 - 37062

Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Big Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Mar 7 1912, Completed Apr 20 1912

Cost per foot, 1.15 Contractor, Yankey & Ferguson Drilling Address, Yankey, W.V.

Drillers' Names P. J. King & N. G. Hodges

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1810</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1810</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>4/22/12</u>	<u>80 gr.</u>	<u>2nd shot</u>	<u>5" dia 120 gr.</u>						

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Surface &amp; Clay</u>		<u>16</u>	<u>16</u>	<u>cased 15' in Big Linn</u>
<u>Slate &amp; Sand</u>	<u>16</u>	<u>400</u>	<u>384</u>	
<u>Sand</u>	<u>400</u>	<u>404</u>	<u>4</u>	<u>El = 1104.65 ground</u>
<u>Slate</u>	<u>404</u>	<u>414</u>	<u>10</u>	<u>" 1024.82</u>
<u>Sand</u>	<u>414</u>	<u>500</u>	<u>86</u>	
<u>Slate</u>	<u>500</u>	<u>530</u>	<u>30</u>	<u>410' of 10" hole</u>
<u>Sand</u>	<u>530</u>	<u>565</u>	<u>35</u>	
<u>Sand</u>	<u>565</u>	<u>570</u>	<u>5</u>	
<u>Sand</u>	<u>570</u>	<u>645</u>	<u>75</u>	
<u>Slate</u>	<u>645</u>	<u>725</u>	<u>80</u>	
<u>Sand</u>	<u>725</u>	<u>800</u>	<u>75</u>	
<u>Slate</u>	<u>800</u>	<u>830</u>	<u>30</u>	
<u>Sand</u>	<u>830</u>	<u>870</u>	<u>40</u>	
<u>Slate</u>	<u>870</u>	<u>920</u>	<u>50</u>	
<u>Sand</u>	<u>920</u>	<u>980</u>	<u>60</u>	<u>Hole full of water at 1180'</u>
<u>Sand</u>	<u>980</u>	<u>983</u>	<u>3</u>	
<u>Sand</u>	<u>983</u>	<u>1013</u>	<u>30</u>	
<u>Slate</u>	<u>1013</u>	<u>1043</u>	<u>30</u>	
<u>Slate &amp; Linn</u>	<u>1043</u>	<u>1145</u>	<u>102</u>	
<u>Salt Sand</u>	<u>1145</u>	<u>1745</u>	<u>600</u>	
<u>Slate</u>	<u>1745</u>	<u>1755</u>	<u>10</u>	
<u>Little Linn</u>	<u>1755</u>	<u>1792</u>	<u>37</u>	
<u>Quartz Linn</u>	<u>1792</u>	<u>1795</u>	<u>3</u>	
<u>Big Linn</u>	<u>1795</u>	<u>1980</u>	<u>185</u>	
<u>Big Linn</u>	<u>1980</u>	<u>2050</u>	<u>70</u>	
<u>Slate</u>	<u>2050</u>	<u>2130</u>	<u>80</u>	
<u>Linn shells</u>	<u>2130</u>	<u>2215</u>	<u>85</u>	
<u>Slate &amp; shells</u>	<u>2215</u>	<u>2470</u>	<u>255</u>	
<u>Brown Shale</u>	<u>2470</u>	<u>2492</u>	<u>22</u>	
<u>Bona Sand</u>	<u>2492</u>	<u>2512</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

Field,

District

County

Rig Commenced

19

Completed

19

Drilling Commenced

Feb 24

1912

Completed

Apr 15

1912

Cost per foot,

1.15

Contractor,

Yankin & Freeman Drill Address,

Yankin, W. Va.

Drillers' Names

H. W. Ortel & W. F. Harris

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
16										
1930										

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
16						1 1/2" - 1930	2 1/4" - Pulled			

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
4/17/12	80 gr.	2.00 shot	7 3/4"	150 gr.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS	
Conductor		16	16	Cased 70' in Big Lince EI-1130.24	
Red Rock	16	45	29		
Sand	45	75	30		
Red Rock	75	165	90		
Sand	165	230	65		
Red Rock	230	275	45		
Sand	275	350	75		540' of 10" hole
Slate	350	440	90		
Sand	440	480	40		
Sand (?)	480	535	55		
Coal (?)	535	538	3		
Sand	538	680	142		
Slate	680	700	20	"Abandoned" March 26, 1942	
Coal (?)	700	704	4		
Slate	704	775	71		
Sand	775	840	65		
Slate	840	920	80		
Sand	920	1016	96		
Slate	1016	1095	79	Gas at 1255'	
Sand	1095	1165	70		
Slate	1165	1185	20	Hole full of Water at 1295'	
Salt sand	1185	1865	680		
Slate	1865	1875	10		
Little Lince	1875	1900	25		
Concave Lave	1900	1910	10		
Big Lince	1910	2100	190		
Big Lince	2100	2155	55		
Slate & Shells	2155	2320	165		
Slate	2320	2573	253		
Thin shale	2573	2597	24		
Berra sand	2597	2617	20		

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

47.043-02210

Well No. 12 op. E. P. Bell Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 District \_\_\_\_\_ County 4303210D  
 Field \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced April 3 1913, Completed May 24 1913  
 Cost per foot, 115 Contractor, Hawkey & Furman Dr. Co. Address, Hawkey, W.V.  
 Drillers' Names: E. G. H. Hon & W. E. Williams

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/4 Inch
10				370		1750		1129'6"		

CONDUCTOR AND CASING LEFT IN WELL

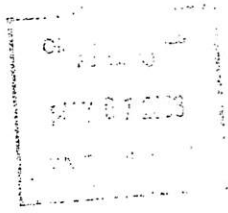
Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/4 Inch
10						1750		1129'6"		

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/26/13	8000	2.00	Shot	11/25/13 12098					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		10	10	EI = 951.7'
Shale	10	50	40	
Sand	50	110	60	
Shale	110	200	90	
Sand	200	295	95	
Coal	295	300	5	
Sand	300	360	60	
Coal	360	365	5	
Shale	365	400	35	
Sand	400	450	50	
Shale	450	490	40	
Sand & Shale	490	1000	510	
Sand	1000	1015	15	
Shale	1015	1030	15	Hole full of water at 1100'
Half sand	1030	1670	640	
Shale	1670	1700	30	
Little Sand	1700	1735	35	
Devil Run	1735	1740	5	
Big Sand	1740	1920	180	
Big Sand	1920	1990	70	
Shale	1990	2080	90	
Sand - Shale	2080	2220	140	
Shale	2220	2400	180	
Pyrom. shale	2400	2420	20	
Bona. sand	2420	2441	21	



RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 13 on C. V. Bell Farm 47-043-30961 Acres  
 Field, District County

Rig Commenced 19 Completed 19  
 Drilling Commenced Dec 23 1913 Completed Feb 5 1914  
 Cost per foot, 1.15 Contractor Boone Drilling Co. Address Yonkers, N.Y.  
 Drillers' Names J. H. Adams & G. E. Driscoll

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>				<u>285</u>		<u>1769</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>						<u>1769</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>2/7/14</u>	<u>80 qt</u>	<u>2 1/2 gal</u>	<u>4 1/2</u>	<u>150 ft</u>					

FORMATION TOP BOTTOM THICKNESS REMARKS

		<u>14</u>	<u>14</u>		<u>Hole full of water at 1120'</u>
<u>Red Rock</u>	<u>14</u>	<u>89</u>	<u>75</u>		
<u>Sand</u>	<u>89</u>	<u>139</u>	<u>50</u>		
<u>Slate</u>	<u>139</u>	<u>189</u>	<u>50</u>		
<u>Sand</u>	<u>189</u>	<u>219</u>	<u>30</u>		
<u>Slate</u>	<u>219</u>	<u>275</u>	<u>56</u>		
<u>Sand</u>	<u>275</u>	<u>600</u>	<u>325</u>		
<u>Slate</u>	<u>600</u>	<u>645</u>	<u>45</u>		
<u>Sand</u>	<u>645</u>	<u>765</u>	<u>120</u>		
<u>Slate</u>	<u>765</u>	<u>855</u>	<u>90</u>		
<u>Sand</u>	<u>855</u>	<u>955</u>	<u>100</u>		
<u>Slate</u>	<u>955</u>	<u>1015</u>	<u>60</u>		
<u>Salt sand</u>	<u>1015</u>	<u>1655</u>	<u>640</u>		
<u>Slate</u>	<u>1655</u>	<u>1670</u>	<u>15</u>		
<u>Wet sand</u>	<u>1670</u>	<u>1695</u>	<u>25</u>		
<u>Slate</u>	<u>1695</u>	<u>1715</u>	<u>20</u>		
<u>Little Limestone</u>	<u>1715</u>	<u>1751</u>	<u>36</u>		
<u>Poros Cave</u>	<u>1751</u>	<u>1755</u>	<u>4</u>		
<u>Big Limestone</u>	<u>1755</u>	<u>1940</u>	<u>185</u>		
<u>Big Limestone</u>	<u>1940</u>	<u>2020</u>	<u>80</u>		
<u>Slate</u>	<u>2020</u>	<u>2415</u>	<u>395</u>		
<u>Slate</u>	<u>2415</u>	<u>2429</u>	<u>14</u>		
<u>Bona sand</u>	<u>2429</u>	<u>2449</u>	<u>20</u>		

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015

WV Department of  
 Environmental Protection

RECORD of Well No. 14 of E.P. Well Farm Acres 47.843 - 30248  
 Field, District, County

Rig Commenced 19 Completed 19  
 Drilling Commenced Feb 18 1914 Completed April 1 1914  
 Cost per foot, 1.13 Contractor, Boone Drilling Co. Address, Yankey, W.V.  
 Drillers' Names, J.H. Hauer and J.C. Drublich

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>						<u>1820</u>			<u>1037</u>	

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>						<u>1820</u>			<u>None</u>	

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roals	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>4/3/14</u>	<u>8097</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>14</u>	<u>14</u>	
<u>Sand</u>	<u>14</u>	<u>54</u>	<u>40</u>	
<u>Shale</u>	<u>54</u>	<u>129</u>	<u>75</u>	
<u>Sand</u>	<u>129</u>	<u>179</u>	<u>50</u>	
<u>Shale</u>	<u>179</u>	<u>329</u>	<u>150</u>	<u>325 to Reduced Hole</u>
<u>Sand</u>	<u>329</u>	<u>629</u>	<u>300</u>	
<u>Shale</u>	<u>629</u>	<u>644</u>	<u>15</u>	
<u>Sand</u>	<u>644</u>	<u>734</u>	<u>90</u>	
<u>Shale</u>	<u>734</u>	<u>934</u>	<u>200</u>	
<u>Sand</u>	<u>934</u>	<u>1034</u>	<u>100</u>	
<u>Shale</u>	<u>1034</u>	<u>1100</u>	<u>66</u>	
<u>Salt sand</u>	<u>1100</u>	<u>1735</u>	<u>634</u>	<u>Hole full of water 1195'</u>
<u>Shale</u>	<u>1735</u>	<u>1745</u>	<u>10</u>	
<u>Med. sand</u>	<u>1745</u>	<u>1775</u>	<u>30</u>	
<u>Shale</u>	<u>1775</u>	<u>1777</u>	<u>2</u>	
<u>Little Lime</u>	<u>1777</u>	<u>1807</u>	<u>30</u>	
<u>Round Cor</u>	<u>1807</u>	<u>1813</u>	<u>6</u>	
<u>Big Lime</u>	<u>1813</u>	<u>1993</u>	<u>180</u>	
<u>Thin sand</u>	<u>1993</u>	<u>2073</u>	<u>80</u>	
<u>Shale</u>	<u>2073</u>	<u>2133</u>	<u>60</u>	
<u>Shale &amp; shells</u>	<u>2133</u>	<u>2295</u>	<u>162</u>	
<u>Shale</u>	<u>2295</u>	<u>2400</u>	<u>105</u>	
<u>Shale &amp; shells</u>	<u>2400</u>	<u>2465</u>	<u>65</u>	
<u>Brown shale</u>	<u>2465</u>	<u>2481</u>	<u>16</u>	
<u>Green</u>	<u>2481</u>	<u>2500</u>	<u>19</u>	

Abandoned  
7/30/11

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Record of Well No. 1 on James Kyle Farm. Acres 47.043 30247  
 Field Summit District Summit County W.Va.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced 1910 Completed 1910  
 Cost per foot, \_\_\_\_\_ Contractor, \_\_\_\_\_ Address, \_\_\_\_\_  
 Drillers' Names, \_\_\_\_\_

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
<u>1 1/2</u>						<u>1820</u>				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
						<u>1820</u>	<u>fulled</u>			

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tabling	Rods	Size of Packer	Depth Set	Tabling	1st Minute Pressure	Rock Pressure
<u>3 1/2</u>	<u>4 1/2</u>	<u>2nd shot</u>	<u>10 1/2</u>	<u>150 ft.</u>	<u>3rd shot</u>	<u>10 1/2</u>	<u>130 ft.</u>		
	FORMATION		TOP	BOTTOM	THICKNESS	REMARKS			

<u>14</u>	<u>14</u>								
<u>14</u>	<u>40</u>	<u>26</u>	<u>460' 10" hole made</u>						
<u>40</u>	<u>70</u>	<u>30</u>	<u>110 8" casing made</u>						
<u>70</u>	<u>300</u>	<u>230</u>							
<u>300</u>	<u>370</u>	<u>70</u>	<u>hole filled with sand</u>						
<u>370</u>	<u>400</u>	<u>30</u>	<u>sand water 1260</u>						
<u>400</u>	<u>420</u>	<u>20</u>							
<u>420</u>	<u>450</u>	<u>30</u>							
<u>450</u>	<u>455</u>	<u>5</u>							
<u>455</u>	<u>475</u>	<u>20</u>							
<u>475</u>	<u>495</u>	<u>20</u>							
<u>495</u>	<u>420</u>	<u>425</u>							
<u>420</u>	<u>1160</u>	<u>240</u>							
<u>1160</u>	<u>1260</u>	<u>100</u>							
<u>1260</u>	<u>1770</u>	<u>510</u>							
<u>1770</u>	<u>1815</u>	<u>45</u>							
<u>1815</u>	<u>2000</u>	<u>185</u>							
<u>2000</u>	<u>2140</u>	<u>40</u>							
<u>2140</u>	<u>2506</u>	<u>466</u>							
<u>2506</u>	<u>2528</u>	<u>22</u>							

*abandoned*  
*9/19/41*

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 2 on Summit Bell Farm Acres \_\_\_\_\_

Field \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_ ✓

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Sept 10 1910, Completed Oct 25 1910

Cost per foot, 1.15 Contractor, Yankey & Pomeroy, Inc. Address, Yankey, W.V.

Drillers' Names, D. B. Wiley & P. J. King

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 3-10 inch	4 1/2 inch
16						1855'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 3-10 inch	4 1/2 inch
16						1855'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Reels	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
10/25/10	80qt								

FORMATION	TUBING			REMARKS
	TOP	BOTTOM	THICKNESS	
Surf. & clay		16	16	EI = 1017.54 - ground 1023.64 - DF  375' 10" hole  9 Bails Water at 1250  hole full of water at 1275
Red Rock	26	66	40	
sand	66	126	60	
slat	126	226	100	
sand	226	246	20	
slat	246	396	150	
dryd. slat	396	1130	734	
slat	1130	1170	40	
salt sand	1170	1780	610	
slat	1780	1790	10	
little lime	1790	1825	35	
concl. lim.	1825	1830	5	
Big lime	1830	2000	170	
Big lime	2000	2050	50	
slat	2050	2160	110	
sand	2160	2240	80	
slat	2240	2493	253	
Brn. Sand	2493	2511	18	
Brn. Sand	2511	2530	19	
				ABANDONED SEP 10 1920
Casing Head	6 7/8	5 7/16		
Ball	255	440		
Left	1640	740		
	215			

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 3 on Truman Bell Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced July 14 1910 Completed Aug 29 1910  
 Cost per foot, 1.15 Contractor, Wausau & Truman Dist. Co. Janesville, Wis.  
 Drillers' Names, P. J. Knight & J. D. Bentley

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	4 3/4 inch
<u>16</u>					<u>1541</u>	<u>1812</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	4 3/4 inch
<u>16</u>						<u>1812</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>8/31/10</u>	<u>90 gr.</u>	<u>110/17-120 grs</u>							

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Spit</u>		<u>16</u>	<u>16</u>	
<u>Red Rock</u>	<u>16</u>	<u>56</u>	<u>40</u>	<u>EI = 998.62 ground DF</u>
<u>slate &amp; shales</u>	<u>56</u>	<u>450</u>	<u>394</u>	<u>996.62 ground</u>
<u>sand</u>	<u>450</u>	<u>510</u>	<u>60</u>	<u>450' 10" hole</u>
<u>slate</u>	<u>510</u>	<u>580</u>	<u>70</u>	
<u>sand</u>	<u>580</u>	<u>680</u>	<u>100</u>	
<u>slate</u>	<u>680</u>	<u>800</u>	<u>120</u>	
<u>rock</u>	<u>800</u>	<u>805</u>	<u>5</u>	
<u>sand</u>	<u>805</u>	<u>900</u>	<u>95</u>	
<u>slate</u>	<u>900</u>	<u>970</u>	<u>70</u>	
<u>sand</u>	<u>970</u>	<u>1030</u>	<u>60</u>	
<u>slate</u>	<u>1030</u>	<u>1145</u>	<u>115</u>	
<u>salt sand</u>	<u>1145</u>	<u>1755</u>	<u>610</u>	<u>hole full water at 1210</u>
<u>Little sand</u>	<u>1755</u>	<u>1795</u>	<u>40</u>	
<u>Peccan coal</u>	<u>1795</u>	<u>1800</u>	<u>5</u>	
<u>Big Sand</u>	<u>1800</u>	<u>1985</u>	<u>185</u>	
<u>Big Sand</u>	<u>1985</u>	<u>2035</u>	<u>50</u>	
<u>slate</u>	<u>2035</u>	<u>2115</u>	<u>80</u>	
<u>slate</u>	<u>2115</u>	<u>2275</u>	<u>160</u>	
<u>slate</u>	<u>2275</u>	<u>2466</u>	<u>191</u>	
<u>Thin slate</u>	<u>2466</u>	<u>2486</u>	<u>20</u>	
<u>thin sand</u>	<u>2486</u>	<u>2508</u>	<u>22</u>	

ABANDONED, JUL. 25, 1910

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 4 on Freeman Well Farm, Acres 47.043 - 30448  
 Field, Duval District Severin County W.Va.

Rig Commenced 19 Completed 19

Drilling Commenced July 26 1911, Completed Sept 17 1911

Cost per foot, 1.10 Contractor, Miller Bros Address, Yorkway, W.Va.

Drillers' Names, A. A. Miller & E. H. Williamson

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
<u>6</u>				<u>540</u>		<u>2005</u>				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
<u>6</u>						<u>2005</u>				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tabling	Rods	Size of Packer	Depth Set	Tabling	1st Minute Pressure	Rock Pressure
<u>9/18/11</u>	<u>9000</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
-----------	-----	--------	-----------	---------

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>6</u>	<u>6</u>	<u>EI = 15973</u>
<u>Red Rock</u>	<u>6</u>	<u>76</u>	<u>70</u>	
<u>White Shale</u>	<u>76</u>	<u>126</u>	<u>50</u>	
<u>Sand</u>	<u>126</u>	<u>213</u>	<u>87</u>	
<u>Red Rock</u>	<u>213</u>	<u>298</u>	<u>85</u>	
<u>Slate</u>	<u>298</u>	<u>358</u>	<u>60</u>	
<u>Red Rock</u>	<u>358</u>	<u>468</u>	<u>110</u>	
<u>Sand</u>	<u>468</u>	<u>528</u>	<u>60</u>	
<u>Slate</u>	<u>528</u>	<u>538</u>	<u>10</u>	
<u>Coal</u>	<u>538</u>	<u>540</u>	<u>2</u>	<u>Reamed 10" hole 540'</u>
<u>Slate</u>	<u>540</u>	<u>695</u>	<u>155</u>	
<u>Sand</u>	<u>695</u>	<u>795</u>	<u>100</u>	
<u>Slate</u>	<u>795</u>	<u>855</u>	<u>60</u>	
<u>Sand</u>	<u>855</u>	<u>1025</u>	<u>170</u>	
<u>Slate</u>	<u>1025</u>	<u>1125</u>	<u>100</u>	
<u>Sand</u>	<u>1125</u>	<u>1205</u>	<u>80</u>	
<u>Slate</u>	<u>1205</u>	<u>1285</u>	<u>80</u>	
<u>Broken Sand &amp; S.</u>	<u>1285</u>	<u>1330</u>	<u>45</u>	
<u>Salt Sand</u>	<u>1330</u>	<u>1960</u>	<u>630</u>	<u>1st salt water at 1360'</u>
<u>Little Limestone</u>	<u>1960</u>	<u>1990</u>	<u>30</u>	<u>3 braton in 2 hrs. hole</u>
<u>Peacocks</u>	<u>1990</u>	<u>1995</u>	<u>5</u>	<u>filled full at 1430'</u>
<u>Big Limestone</u>	<u>1995</u>	<u>2175</u>	<u>180</u>	
<u>Indian sand</u>	<u>2175</u>	<u>2255</u>	<u>80</u>	<u>traces of water in Indian sand</u>
<u>Bona shale &amp; shale</u>	<u>2255</u>	<u>2655</u>	<u>400</u>	
<u>Brown shale</u>	<u>2655</u>	<u>2675</u>	<u>20</u>	
<u>Bona sand</u>	<u>2675</u>	<u>2695</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 1 on W. T. Wall Farm. Acres 47-043-30218  
Wall Field. District \_\_\_\_\_ County, Jefferson ✓

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 2<sup>nd</sup> 1929 Completed July 22 1929  
 Cost per foot, 1.15 Contractor, Mr. Burt & Mr. Burt Address \_\_\_\_\_  
 Drillers Names, Frank Best and J. B. Collins

CONDUCTOR AND CASING USED IN DRILLING,

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
		32	280			1515			1576	

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
		32	280			500 1515				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	tubing	Rods	Size of Packer	Depth Set	tubing	1st Minute Pressure	Rock Pressure
7/26/29	6 qt	2 <sup>nd</sup> shot	2 7/8" 10	220 gals.					
2 <sup>nd</sup> shot	FORMATION	3/8" 10	220 gals.						
			TOP	BOTTOM	THICKNESS				REMARKS
			870	1465	545				
			1465	1468	3				
			1468	1508	40				
			1508	1571	3				
			1571	1700	189				
			1700	1750	50				
			1850	1830	80				
			1830	1890	60				
			1890						
			2202	2216	14	oil at 2202			

Abandoned  
 June 11-1940.

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

RECORD of Well No. 2 W. T. Bell Area Putnam  
 Field, Dual District Seaman County, Putnam  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Aug 7 1909 Completed Sept 17 1909  
 Cost per foot, 1.10 Contractor, W. B. Rude & W. B. Rude Address, Parsonsburg  
 Drillers' Names, J. B. Kolbert & C. A. Kelly

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1-16 Inch	4 1/2 Inch
116			342			11655				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1-16 Inch	4 1/2 Inch
						11655				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
9/15/09	6000	2 1/2 bbl	1 7/8 in	2 1/2 in					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand	260	345	85	1 1/2" 190 ft
Shale	345	360	15	2 1/2" Water 335
Sand	360	400	40	
Sand	400	525	125	E/F = <del>870.45</del>
Shale	525	528	3	
Shale	528	600	72	
Sand	600	640	40	
Sand	640	700	60	
Shale	742	800	58	
Sand	800	860	60	
Sand & Shale	860	990	130	
Sand	990	1610	620	Water at 1010
Shale	1610	1615	5	
Sand	1615	1642	27	
Shale or Sand	1642	1647	5	
Big Sand	1647	1832	185	
Sand	1832	1885	53	
Shale & Sand	1885	2320	435	
Shale	2320	2330	10	
Top Sand	2330	2349	19	Oil at 2330

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 14 on W. 10 Well Farm 47-043-30616 Acres

Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Feb 5 1910 Completed Mar 29 1910

Cost per foot, 1.15 Contractor J. R. Miller & Son Address Franklin, W. Va.

Drillers' Names, J. R. Miller & Son

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	6 3/16 inch	4 1/2 inch
<u>14</u>							<u>1775</u>			

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	6 3/16 inch	4 1/2 inch
<u>14</u>							<u>1775</u>			

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>2/11/10</u>	<u>900 ft.</u>	<u>2nd shot 9/2/13</u>	<u>150 ft.</u>	<u>150 ft.</u>	<u>2nd shot 2/21/15</u>	<u>150 ft.</u>	<u>2nd shot 2/21/15</u>	<u>110 ft.</u>	

FORMATION	RODS			REMARKS
	TOP	BOTTOM	THICKNESS	
<u>Sand</u>		<u>14</u>	<u>14</u>	
<u>Sand</u>	<u>14</u>	<u>29</u>	<u>15</u>	
<u>Sand</u>	<u>29</u>	<u>160</u>	<u>131</u>	
<u>Sand</u>	<u>160</u>	<u>220</u>	<u>60</u>	
<u>Sand</u>	<u>220</u>	<u>245</u>	<u>25</u>	
<u>Sand</u>	<u>245</u>	<u>405</u>	<u>160</u>	
<u>Sand</u>	<u>405</u>	<u>410</u>	<u>5</u>	
<u>Sand &amp; shale</u>	<u>410</u>	<u>1035</u>	<u>625</u>	
<u>Sand</u>	<u>1035</u>	<u>1060</u>	<u>25</u>	
<u>Sand</u>	<u>1060</u>	<u>1680</u>	<u>620</u>	<u>Shale from of water at 1155</u>
<u>Sand</u>	<u>1680</u>	<u>1700</u>	<u>20</u>	
<u>Sand</u>	<u>1700</u>	<u>1760</u>	<u>60</u>	
<u>Small cave</u>	<u>1760</u>	<u>1765</u>	<u>5</u>	
<u>Big Sand</u>	<u>1765</u>	<u>1950</u>	<u>185</u>	
<u>Big Sand</u>	<u>1950</u>	<u>2020</u>	<u>70</u>	
<u>Sand</u>	<u>2020</u>	<u>2100</u>	<u>80</u>	
<u>Sand</u>	<u>2100</u>	<u>2250</u>	<u>150</u>	
<u>Sand</u>	<u>2250</u>	<u>2425</u>	<u>175</u>	
<u>Small shale</u>	<u>2425</u>	<u>2445</u>	<u>20</u>	
<u>Small Sand</u>	<u>2445</u>	<u>2466</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 5 on W. T. Well Farm

Acres 47-043-31090

Field

District

County

Rig Commenced

19

Completed

19

Drilling Commenced

Mar 24

1909

Completed

June 24

1910

Cost per foot, 1.25

Contractor

Handley & Sons

address Greenville, S.C.

Drillers' Names

L. E. Wheeler and W. L. ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
21				280		1520				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
21				280		1520				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>1/27/10</u>	<u>600</u>	<u>2nd Shot</u>	<u>4 1/2" 16 ft.</u>						

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Vol. clay</u>		21	21	<u>E1 = 74-3-4</u>
<u>Silt</u>	21	160	139	
<u>Sand</u>	160	140	30	
<u>Silt</u>	140	265	75	
<u>Sand</u>	265	270	5	
<u>Sand</u>	270	300	30	
<u>Silt</u>	300	375	75	
<u>Sand</u>	375	470	95	
<u>Silt</u>	470	560	90	
<u>Sand</u>	560	670	110	
<u>Silt</u>	670	780	110	
<u>Sand</u>	780	830	50	
<u>Silt</u>	830	850	20	
<u>Sand</u>	850	1420	570	
<u>Silt</u>	1420	1440	20	
<u>Sand</u>	1440	1460	20	
<u>Silt</u>	1460	1470	10	
<u>Little lime</u>	1470	1510	40	
<u>Partial cave</u>	1510	1515	5	
<u>Big lime</u>	1515	1700	185	
<u>Thin sand</u>	1700	1745	45	
<u>Silt</u>	1745	1825	30	
<u>Sand - silt</u>	1825	1975	150	
<u>Silt</u>	1975	2183	208	
<u>Thin - sand</u>	2183	2203	20	
<u>Sand - silt</u>	2203	2219	16	
<u>Silt</u>	2219	2223	4	

Indic. point of Water at 910

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Water well 65 ft

RECORD of Well No. 6 on W. T. Hill Farm Acres 47.043-30017

Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Feb 5 1910 Completed Mar 26 1910

Cost per foot, 1.15 Contractor, W. T. Hill Address, London, W. Va.

Drillers' Names, J. N. ... & J. P. ...

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
14										

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
14										

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month's Pressure	Rock Pressure
<u>2/5/10</u>	<u>900</u>	<u>2.20</u>	<u>5 1/2</u>	<u>2 1/2</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand & clay		14	14	
Sand	14	75	61	
Slate	75	155	80	
Sand	155	215	60	
clay	215	280	65	
Sand	280	370	90	
Slate	370	390	20	
clay	390	395	5	
Sand	395	520	125	
Slate	520	630	110	
Sand	630	880	250	
clay	880	940	60	
Light Sand	940	1490	550	
Slate	1490	1500	10	
Light Sand	1500	1550	50	
clay	1550	1565	15	
Light Sand	1565	1605	40	
clay	1605	1610	5	
Light Sand	1610	1790	180	
clay	1790	1850	60	
Slate	1850	1910	60	
Light Sand	1910	2060	150	
clay & shells	2060	2283	223	
Thin Shell	2283	2303	20	
Thin Sand	2303	2323	20	

*Water full water at 1000*

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Well name: MOSTELLER, DENNIS

Operator Well No.: BURDETTE 2

Location: Elevation: 885.02

Quadrangle: GARRETT'S BEND 7.5'

District: DUVAL  
Latitude: 7,725 Feet south of  
Longitude: 10,050 Feet west of

County: LINCOLN  
38 Deg 17 Min 30 Sec.  
81 Deg 55 Min 00 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: RALPH TRIPLETT

Permit Issued: 08/08/03

Well work Commenced: 12/09/03

Well work Completed: 01/07/04

Verbal plugging

Permission granted on:

Rotary  Cable  Rig

Total Depth (feet) 4093

Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
6 5/8"	1944.00'	1944.00'	existing
5 3/16"	1954.00'	1954.00'	existing
3 1/2"	4096.05'	4096.05'	50 sks

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 3094-3892  
 Gas: Initial open flow 5 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 20 MCF/d Final open flow \* Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock pressure 184 psig (surface pressure) after 24 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

RECEIVED  
Office of Oil and Gas  
JUN 01 2015

WV Department of  
Environmental Protection

For: EAST RESOURCES, INC.

By:

Date:

*[Signature]*  
5/19/04

47-043-02227

MAHALA COON #1

2227

ADDRESS: Mahala Coon  
 TOWN: Duval COUNTY: Lincoln STATE: Va.  
 ACRES: 17.5-W  
 LEASE NO. 7500  
 N. S. 79 E. W. 76  
 WELLS: 1907 or at head of tree  
 COMMENCED: 1912 COMPLETED: May 6th CONTRACTOR: Holley Oil & Dev. Co.,  
 D. COMMENCED: 1912 COMPLETED: CONTRACTOR:

FORMATION

CASING RECORD

KIND	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Surface		16		
Slate	16	40		
Lime	40	70		
Slate & Shell	70	250		
White sand	250	430		
Black sand	230	460		
Slate	460	520		
Sand shells	520	560		
Slate & Shell	560	620		
Black slate	630	640		
White sand	640	660		
Black slate	660	735		
Lime	735	740		
White sand	740	770		
Black slate	770	880		
Sand	880	900		
Black slate	900	990		
Salt sand	1010	1590		
Little lime	1590	1620		
Big lime	1620	1790		
Big njun	1790	1820		
Slate	1820	1890		
Lime	1890	1930		
Lime shells	1930	2252		
Black shale	2252	2272		
Berea sand	2272	2291		
Total depth		2291		

SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT IN WHEN AS'D.
6-b/8"	1634			
5-7/8"	1620		1640'	
2" C	2291			

PACKERS

KIND	SIZE	DEPTH SET	DATE SET

TORPEDO RECORD

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
5-11-12	90				
4-4-36	100	Bomb Shot			

ABANDONMENT RECORD

FILLED WITH	FROM	TO	SIZE	PLUG KING	DEPTH

REMARKS

70-26-28 Run 1620' 5 7/8" casing  
 set on 5 7/8" x 1 1/2" Disc Wall. Packers  
 pulled 5 7/8" casing left off  
 & measured  
 pulled 7 Beria from casing July 1912  
 cleaned out to 2291'

TOTAL DEPTH

PRODUCTION RECORD

24 HOURS BEFORE SHOT  
 24 HOURS AFTER SHOT  
 GAS TEST

RECEIVED  
 Office of Oil and Gas

JUN. 01 2015

WV Department of  
 Environmental Protection

BOLS. BOLS.

APPROVED BY

SUPT.

Mahala Corp.

Waters of Road Front of Tract 71-043-00000

WELL

2

ACRES

LEASE NO.

75047

SHIP OR Duval

COUNTY

Lincoln

STATE

W. Va.

N.

S. 79E.

W. 75

MAP 12412

COMMENCED March 30

19

COMPLETED

19

CONTRACTOR

Wayland Oil & Gas Co.,

COMMENCED

19

COMPLETED

May 12

19

CONTRACTOR

COMMENCED

19

COMPLETED

19

CONTRACTOR

FORMATION

KIND	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
ductor		16		
rock	16	90		
	190	220		
ie	220	250		
	250	690		
ie & shells	690	1035		
sand	1035	1225		
n sand	1630	1662		
ie lime	1662	1682		
oil cave	1682	1692		
lime	1692	1855		
injun	1855	1905		
shells	1905	2080		
ie	2082	2352		
ia sand	2352	2371		
total depth		2371		

CASING RECORD

SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT IN WHEN ABN'D.
6-5/8"	1701	1701		
5-3/16"	1905			
2"	2371			

PACKERS

KIND	SIZE	DEPTH SET	DATE SET

TORPEDO RECORD

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
5-27-14	60				
10-19-37	56	4 1/4	4 1/2	1353	1371

ABANDONMENT RECORD

FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH

REMARKS

RECEIVED Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

PRODUCTION RECORD

HOURS BEFORE SHOT	SAND	BBLs.
HOURS AFTER SHOT	SAND	BBLs.
TEST		

APPROVED BY

SUPT.

Well No. Three Date of Location 47-043-02229 19  
 Rig Commenced April 19th, 1918  
 Rig Completed 19 } Mahala Coon Contract  
 Drilling Commenced 19  
 Drilling Completed September 26th, 1918 } Contract

**CASING RECORD**

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED IN-FOUR COMPLETION		LEFT AT WELL NOT IN USE
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet
8	340		340		340		340						
6-5/8	1735		1735		1735				1735				

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom Shot	
Surface		14									
Line Shell	12	20		10	5	18	60				
Red Rock	20	230		7	17	35	80	6'	2416'	2416'	
Slate & Shells	230	600									
Line Shell	600	650									
Sand & Slate	650	1040									
Line	1040	1050									
Slate	1050	1085									
Salt Sand	1085	1680									
Line & Slate	1680	1908									
Injun Sand	1908	1948									
Slate & Shells	1948	2385									
Brown Shale	2385	2403									
Berea Sand	2403	2420									
Pay	2406	2419									

REMARKS:  
 Water at 1165'  
 Bottom Hole packer on 6-5/8" casing

ABANDONED

Size	Casing Pulled	Casing Left In

REMARKS: E1 = 925.00

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Total Depth. 2420'

47-043-02230

ARM **Mahala Coon** WELL # **4** ACRES LEASE NO. **75041**  
 TOWNSHIP OR DISTRICT **Duval Dist.** COUNTY **Lincoln** STATE **West Va.** N. S. **79 E.** W. **75**  
 COMMENCED **1-14** 19**21** COMPLETED **2-24** 19**21** CONTRACTOR  
 COMMENCED **2-9** 19**21** COMPLETED **3-18** 19**21** CONTRACTOR **Eddystone Oil Corporation**  
 COMMENCED 19 COMPLETED 19 CONTRACTOR

KIND	FORMATION		REMARKS
	TOP	BOTTOM	
Conductor	12		
Red mud.	12	250	
Sand	250	300	
Slate	300	360	
Mud	360	390	
Sand	390	425	
Slate	425	650	
Lime	650	700	
Sand	700	800	
Slate	800	850	
Lime	850	900	
Sand	900	980	
Slate	980	1020	
Sand	1020	1050	
Slate	1050	1195	
Light Sand	1195	1762	
Horizon Sand	1762	1812	
Little Lime	1812	1845	
Shell Cave	1845	1851	
Big Lime	1851	2036	
Big Injun	2036	2080	
Slate	2080	2105	
Shell	2105	2130	
Slatery	2130	2160	
Shells	2160	2260	
Slate	2260	2499	
Brown shale	2499	2519	
Berea Sand	2519	2538	
TOTAL DEPTH		2538	

SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT BY WORKMAN
8"		390	500	
6-5/8"	1877	1877		
5-7/8"		2018		
2"		2538		

KIND	SIZE	DEPTH SET	DATE SET
6-5/8" Permago	18	1857	
B. R.			

DATE SHOT	NO. QTS.	SIZE SHLL	TOP SHOT	BOTTOM	RESULT
4-28-21	90	5-2"	2519	2537	

FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH

REMARKS

PRODUCTION RECORD

74 HOURS BEFORE SHOT	SAND	BBL.
24 HOURS AFTER SHOT	SAND	BBL.
GAS TEST		

RECEIVED Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

APPROVED BY

47-043-02230

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

30-Jul-01

API # 47 043 02230

WR-35

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: East Resources Inc

Operator Well No.: Mahala Coon No. 4

LOCATION: Elevation: 1037.77'

Quadrangle: Garrets Bend 7.5'

District: Duval

County: Lincoln

Latitude: 8,725 Feet south of 38 Deg 17 Min 30 Sec.

Longitude: 8,275 Feet west of 81 Deg 55 Min 00 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: MICHAEL MCCOWN

Inspector: Dave Belcher

Permit Issued: 07/30/01

Well work Commenced: 08/09/01

Well work Completed: 11/28/01

Verbal plugging

permission granted on:

Rotary  Cable  Rig

Total Depth (feet) 4406'

Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
6 5/8"	1877'	1877'	Existing
5 1/2"	2554'	2554'	100 Sacks
3 1/2"	4395'	4395'	55 Sacks

COPY

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 3468'-4284'

Gas: Initial open flow 5 MCF/d Oil: Initial open flow            Bbl/d

Final open flow 39 MCF/d Final open flow            Bbl/d

Time of open flow between initial and final tests            Hours

Static rock pressure 250 psig (surface pressure) after 48 Hours

Second producing formation            Pay zone depth (ft)           

Gas: Initial open flow            MCF/d Oil: Initial open flow            Bbl/d

Final open flow            MCF/d Final open flow            Bbl/d

Time of open flow between initial and final tests            Hours

Static rock pressure            psig (surface pressure) after            Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EAST RESOURCES, INC.

By: [Signature]

Date: 1/2/02

47-043-02230  
Mahala Coon #4

Treatment: Perfs: 3468'-4284' - treated w/ 1000 gal 15% HCL and 1.51 MMSCF Nitrogen

Well Log: TD = 4406'

Original TD = 2538'  
2538' -4406' Devonian Shale

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02231

Record of Well No. 1 10001 10001  
 Field Lowell District Lowell County Lowell  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Sept 25 1909 Completed Nov 20 1909  
 Cost per foot, 1.10 Contractor Walter Ross Address Lowell  
 Drillers' Names St. J. Brundt & Jas. Donigan

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 3/4 inch	8 inch	7 3/4 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
10						1635		1,700		

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 3/4 inch	8 inch	7 3/4 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
10						1635		1,700		

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Back Pressure
11/2/09	70.00	2.00	4 5/8	1 5/8					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		10	10	Reduced hole from 10" to 8" at 330'
Sand	10	40	30	
Slate	40	100	60	
Sand	100	160	60	3' Coal at 240'
Slate	160	220	60	4' " 475'
Sand	220	240	20	half boiler water 475'
Sand	240	330	90	two " " 955'
Slate	330	350	20	hole filled full @ 1010
Sand	350	460	110	
Slate	460	475	15	
Sand	475	590	115	
Slate	590	660	70	
Sand	660	770	110	
Slate	770	785	15	
Sand	785	800	15	
Sand	800	840	40	got top of sand Nov 12
Sand	840	865	25	12 P.M. Drilled sand Nov 22
Sand	865	900	35	
Slate	900	920	20	
Sand	920	935	15	
Slate	935	945	10	
Sand & Slate	945	1590	645	
Black Sand	1590	1624	34	
Black Sand	1624	1628	4	
Black Sand	1628	1810	182	
Black S. shale	1810	1885	75	
Black shale	1885	2305	420	
Black shale	2305	2325	20	
Black sand	2325	2346	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 2 on Wes Cropper Farm Acres 1.5  
 Field Quail District Letcher County 47-043-3047

Rig Commenced 19 Completed 19  
 Drilling Commenced May 12 1904 Completed Sept 23 1904  
 Cost per foot, 1.10 Contractor W. H. ... Address ...  
 Drillers' Names ...

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 x 10 inch	4 1/2 inch
<u>11</u>						<u>1675</u>				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 x 10 inch	4 1/2 inch
<u>11</u>						<u>1675</u>				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>...</u>		<u>...</u>	<u>3 1/2 inch</u>	<u>1300 ft</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>...</u>		<u>14</u>	<u>14</u>	<u>27-381</u>
<u>...</u>	<u>14</u>	<u>90</u>	<u>76</u>	
<u>...</u>	<u>90</u>	<u>225</u>	<u>135</u>	<u>3 1/2 inch pack at 230 ft</u>
<u>...</u>	<u>225</u>	<u>250</u>	<u>25</u>	<u>Bedrock hole at 240 ft</u>
<u>...</u>	<u>250</u>	<u>495</u>	<u>245</u>	<u>10" to 8"</u>
<u>...</u>	<u>495</u>	<u>515</u>	<u>20</u>	
<u>...</u>	<u>515</u>	<u>700</u>	<u>185</u>	
<u>...</u>	<u>700</u>	<u>740</u>	<u>40</u>	
<u>...</u>	<u>740</u>	<u>800</u>	<u>60</u>	
<u>...</u>	<u>800</u>	<u>830</u>	<u>30</u>	
<u>...</u>	<u>830</u>	<u>910</u>	<u>80</u>	
<u>...</u>	<u>910</u>	<u>960</u>	<u>50</u>	
<u>...</u>	<u>960</u>	<u>1610</u>	<u>650</u>	<u>Some fine sand at 1050</u>
<u>...</u>	<u>1610</u>	<u>1630</u>	<u>20</u>	
<u>...</u>	<u>1630</u>	<u>1664</u>	<u>34</u>	
<u>...</u>	<u>1664</u>	<u>1668</u>	<u>4</u>	
<u>...</u>	<u>1668</u>	<u>1850</u>	<u>182</u>	
<u>...</u>	<u>1850</u>	<u>1930</u>	<u>80</u>	
<u>...</u>	<u>1930</u>	<u>2335</u>	<u>405</u>	
<u>...</u>	<u>2335</u>	<u>2375</u>	<u>40</u>	
<u>...</u>	<u>2375</u>	<u>2377</u>	<u>22</u>	<u>Sand cross &amp; mud</u>
<u>...</u>	<u>2377</u>	<u>2378</u>	<u>1</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Record of Well No. 3 on Thos. Cooper Farm Acres Seaford  
 Well Field Onwal District Lincoln County 47-043-B1048

Rig Commenced 19 Completed 19

Drilling Commenced Aug 2 1909 Completed Oct 2 1909

Cost per foot 1.10 Contractor Walter Bros Address Yorkway W.

Drillers' Names J. H. Bolander & J. W. Wash

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>16</u>										<u>1770</u>

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>16</u>										<u>1770</u>

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Block Pressure
<u>1st shot</u>	<u>400</u>	<u>2 1/2</u>	<u>3 1/2</u>	<u>110 ft</u>	<u>2 1/2</u>	<u>1115</u>	<u>130 ft</u>		
	FORMATION		TOP	BOTTOM	THICKNESS		REMARKS		

Surface									
Sand			16	16					
White Slate			16	36	20		390 ft of 10" hole inside		
Sand			36	56	20		No. 8" casing used		
Slate			56	116	60		6 1/2 ft Drilling visible		
Sand			116	234	118				
Slate			234	390	156		Salt sand water at 1130		
Sand			390	396	6				
Slate			396	399	3				
Sand			399	410	11				
Slate			410	540	130				
Sand			540	560	20				
Slate			560	580	20				
Sand			580	600	20				
Slate			600	710	110				
Sand			710	730	20				
Slate			730	765	35				
Sand			765	800	35				
Slate			800	816	16				
Sand			816	895	79				
Slate			895	965	70				
Sand			965	1020	55				
Slate			1020	1075	55				
Salt Sand			1075	1710	635				
Slate			1710	1715	5				
Barren lime			1715	1750	35				
Big lime			1750	1940	190				
Big lime			1940	2010	70				
Lime Shells			2010	2180	170				
White Slate			2180	2340	160				
Lime Shells			2340	2430	90				
Black Slate			2430	2450	20				

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. *4* on *Lee Cooper* Farm

Acres *47.043 - 31047*

Field, \_\_\_\_\_

District \_\_\_\_\_

County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_

19 \_\_\_\_\_

Completed \_\_\_\_\_

19 \_\_\_\_\_

Drilling Commenced *Sept 6*

19*10*

Completed *Oct 21*

19*10*

Cost per foot, *1.25*

Contractor, *Hubert H. Homan, Inc.*

Address, *Greensboro, N.C.*

Drillers' Names, *A. H. Smith & L. H. Homan*

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1-10 inch	4 1/2 inch
<i>15'</i>						<i>1818</i>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1-10 inch	4 1/2 inch
<i>15'</i>						<i>1818</i>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Reels	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<i>1st shot 90 ft.</i>	<i>90 ft.</i>	<i>2nd shot 7 1/2 x 13 140 gals.</i>							

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<i>Sand &amp; clay shale</i>		<i>15</i>	<i>15</i>	<i>EL-102742</i>
<i>Sand</i>	<i>15</i>	<i>75</i>	<i>60</i>	
<i>Sand</i>	<i>75</i>	<i>115</i>	<i>40</i>	
<i>Shale</i>	<i>115</i>	<i>215</i>	<i>100</i>	
<i>Sand</i>	<i>215</i>	<i>275</i>	<i>60</i>	
<i>Shale</i>	<i>275</i>	<i>385</i>	<i>110</i>	
<i>Sand</i>	<i>385</i>	<i>425</i>	<i>40</i>	
<i>Coal</i>	<i>425</i>	<i>430</i>	<i>5</i>	<i>430' - 10" hole</i>
<i>Sand &amp; shale</i>	<i>430</i>	<i>1080</i>	<i>650</i>	
<i>Sand</i>	<i>1080</i>	<i>1120</i>	<i>40</i>	
<i>Sand</i>	<i>1120</i>	<i>1750</i>	<i>630</i>	<i>Gas in bit sand at 1135'</i>
<i>Sand</i>	<i>1750</i>	<i>1765</i>	<i>15</i>	
<i>Little Sand</i>	<i>1765</i>	<i>1808</i>	<i>43</i>	<i>Hole full of water at 1180</i>
<i>Coarse Sand</i>	<i>1808</i>	<i>1812</i>	<i>4</i>	
<i>Big Sand</i>	<i>1812</i>	<i>1997</i>	<i>185</i>	
<i>Coarse Sand</i>	<i>1997</i>	<i>2067</i>	<i>70</i>	
<i>Shale</i>	<i>2067</i>	<i>2147</i>	<i>80</i>	
<i>Sand &amp; shale</i>	<i>2147</i>	<i>2297</i>	<i>150</i>	
<i>Sand</i>	<i>2297</i>	<i>2477</i>	<i>180</i>	
<i>Thin Sand</i>	<i>2477</i>	<i>2497</i>	<i>20</i>	
<i>Thin Sand</i>	<i>2497</i>	<i>2518</i>	<i>21</i>	
<i>Shale</i>	<i>2518</i>	<i>2519</i>	<i>1</i>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 5

on Mrs. Cooper Farm

Acres 47.043-30609

Field

District

County

Rig Commenced

19

Completed

19

Drilling Commenced

April 24

1912

Completed

June 6

1912

Cost per foot, 1.15

Contractor

Yanthey & Furman

Address

Yanthey, W. Va.

Drillers' Names

Nancy Reed & F. L. McWhorter

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
<u>16</u>						<u>1690</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1690</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>6/8/12</u>	<u>80 qt.</u>	<u>2 1/2 shot</u>	<u>8 1/4</u>	<u>90 qt.</u>					

FORMATION

TOP

BOTTOM

THICKNESS

REMARKS

Conductor		<u>16</u>		<u>445' 10" hole</u>
Best Rock	<u>16</u>	<u>85</u>	<u>69</u>	
Sand	<u>85</u>	<u>155</u>	<u>70</u>	<u>Em 9' 4 1/2</u>
Slate	<u>155</u>	<u>230</u>	<u>75</u>	
Sand	<u>230</u>	<u>320</u>	<u>90</u>	
Coal	<u>320</u>	<u>325</u>	<u>5</u>	
Sand	<u>325</u>	<u>400</u>	<u>75</u>	
Coal	<u>400</u>	<u>405</u>	<u>5</u>	
Sand & Lime	<u>405</u>	<u>510</u>	<u>105</u>	
Coal	<u>510</u>	<u>515</u>	<u>5</u>	
Slate	<u>515</u>	<u>580</u>	<u>65</u>	
Sand	<u>580</u>	<u>620</u>	<u>40</u>	
Slate	<u>620</u>	<u>700</u>	<u>80</u>	
Sand	<u>700</u>	<u>710</u>	<u>10</u>	
Slate	<u>710</u>	<u>845</u>	<u>135</u>	
Sand	<u>845</u>	<u>885</u>	<u>40</u>	
Slate	<u>885</u>	<u>980</u>	<u>95</u>	
Salt sand	<u>980</u>	<u>1635</u>	<u>655</u>	<u>Gas 1045 water 1085</u>
Black slate	<u>1635</u>	<u>1640</u>	<u>5</u>	
Little Lime	<u>1640</u>	<u>1670</u>	<u>30</u>	
Round Cove	<u>1670</u>	<u>1680</u>	<u>10</u>	
Big Lime	<u>1680</u>	<u>1865</u>	<u>185</u>	
" Lime	<u>1865</u>	<u>1945</u>	<u>80</u>	
Slate	<u>1945</u>	<u>2120</u>	<u>175</u>	
Slate & Shells	<u>2120</u>	<u>2200</u>	<u>80</u>	
Shells	<u>2200</u>	<u>2370</u>	<u>170</u>	
Black shale	<u>2370</u>	<u>2385</u>	<u>15</u>	
Silt sand	<u>2385</u>	<u>2406</u>	<u>21</u>	
Total depth			<u>2408</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47,043-00213

CORD of Well No. 1 on B. H. Conner Farm. Acres 1/2  
Wells Field, Duval District Lincoln County,

Drilling Commenced March 4<sup>th</sup> 1909, Completed May 10<sup>th</sup> 1909  
 Cost per foot, 1.15 Contractor, Weiler Bros Address, Yonkers NY  
 Drillers' Names, Joe Walsh, Harry Lewis, Joe Adams, J. Paul

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1-16 inch	4 1/2 inch
14 ft				240		1805				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1-16 inch	4 1/2 inch
14 ft				240		1805				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Refs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/11/09	90 gr.	2.00	Shot	4/30/12 150 gr.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		12	12	EI=1004.05
Red Rock	12	214	202	about 300.000 ft of
Sand	214	314	100	Gas in salt sand at
Slate	314	344	30	a depth of 1110 ft
Sand	344	600	256	
Slate soft	600	620	20	Stole filled with water
Sand	620	705	85	at 1195 ft, gas showed
Slate	705	720	15	int.
Sand	720	790	70	
Slate	790	865	75	oil in very top of sand
Sand	865	890	25	
Slate & Shell	890	1000	110	
Sand	1000	1085	85	
Slate Black	1085	1105	20	
Salt Sand	1105	1770	665	
Black Lime	1770	1800	30	
Conc. Lime	1800	1803	3	1855-1755
Big Lime	1803	1985	182	
Big Lime	1985	2035	50	
Slate & Shell	2035	2240	205	
Black Slate	2240	2465	225	
Brown Slate	2465	2487	22	
Brown Sand	2487	2509	22	
Slate	2509	2511	2	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 2 on B. F. Barnes Farm Acres ✓  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Mar 15 1910, Completed May 3 1910  
 Cost per foot, 1.10 Contractor, McBride & McBride Address, Parkersburg, W. Va.  
 Drillers' Names, E. J. McMillen & Albert Hartline

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3/8 Inch	4 1/2 Inch
		16				1930				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3/8 Inch	4 1/2 Inch
		16				1930				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/2/10	90qt.	2nd Shot	90qt.	3rd Shot	4/20/10	130qt.			

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Shale & Red Rock		350	350	EI = 114.25
Sand	350	570	220	10" hole drilled in at 570'
Sand & Lime	570	775	205	
Sand, Shale	775	1080	305	
Soft Lime	1080	1270	190	
Shale	1270	1277	7	Gas at 1287
Soft Sand	1277	1880	603	
Shale	1880	1886	6	Water hole gas 1295
Soft Lime	1886	1915	29	
Soft Shale	1915	1922	7	
Big Lime	1922	2130	208	
Shale	2130	2195	65	
Shale	2195	2307	112	
Soft Lime	2307	2372	65	
Shale & Shells	2372	2570	198	
Brown Lime	2570	2596	26	
Blue Sand	2596	2618	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2010

WV Department of  
Environmental Protection

47.043-30407

RECORD of Well No. 3 on B. F. Lerner Farm Acres

Field, District County,

Rig Commenced 19 Completed 19

Drilling Commenced Sept. 21 1911, Completed Nov 8 1911

Cost per foot, 1.15 Contractor, Yankey & Freeman Drill Co. Address, Yankey, W. Va.

Drillers' Names, J. R. Fuller & G. L. Lewis

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 3/16 inch	4 3/4 inch
16						1853				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 3/16 inch	4 3/4 inch
16						1853				

OIL WELL

Pulled - 1853'

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/10/11	80 gr.								

FORMATION

TOP

BOTTOM

THICKNESS

REMARKS

Soil + clay		16	16	Cased 20' in Big Lime
Limestone	16	20	4	
Red Rock	20	100	80	
Slat	100	120	20	
Red Rock	120	180	60	
Sand	180	220	40	
Slat	220	250	30	
Sand	250	300	50	
Slat	300	320	20	380' 10" hole
Sand	320	380	60	water
Slat	380	460	80	
Sand + Slat	460	1100	640	
Slat	1100	1140	40	
Salt Sand	1140	1795	655	water
Little Lime	1795	1830	35	hole full of water at 1230
Pencil layer	1830	1833	3	
Big Lime	1833	2013	180	
Big Lime	2013	2063	50	
Slat	2063	2133	70	Abd. - 1-23-45
Lime shells	2133	2273	140	
Slat	2273	2489	216	
Green shale	2489	2509	20	
Green Sand	2509	2529	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043 - 31267

RECORD of Well No. 4 on B. F. Barnes Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov 25 1911, Completed Jan 19 1912  
 Cost per foot, 1.15 Contractor, Yaukey & Furman Drillers Address, Yaukey, W. Va.  
 Drillers' Names S. R. Fuller and G. L. Lewis

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
10						1740				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
10						1740				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/20/1912	80								

FORMATION

TOP

BOTTOM

THICKNESS

REMARKS

Soil		10	10	based 15' in Big Lime
Lime	10	18	8	
Red Rock	18	143	125	EI = 935.08
Sand	143	168	25	
Slate	168	230	62	
Sand	230	280	50	280' of 10" hole
Slate	280	315	35	
Sand	315	415	100	
Slate	415	500	85	
Sand	500	800	300	
Slate & Lime	800	1025	225	Gas at 1030'
Salt Sand	1025	1685	660	
Little Lime	1685	1722	37	6 Barrels of Water at 1040
Pencil bar	1722	1725	3	
Big Lime	1725	1910	185	Hole full of Water at 1120
Big Limestone	1910	1960	50	
Slate	1960	2030	70	
Lime Shells	2030	2190	160	
Slate	2190	2402	212	
Brown Shale	2402	2417	15	
White Sand	2417	2438	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30757

RECORD of Well No. 5 on B. F. Turner Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Aug 10 1912, Completed Dec 11 1912  
 Cost per foot, 1.15 Contractor, Yawkey & Furman Drilling Co. Address, Yawkey, MD.  
 Drillers' Names: M. E. Williams & F. H. McElhatton

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>				<u>285</u>		<u>1370</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1370</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>12/12/12</u>	<u>8007</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		<u>16</u>	<u>16</u>	<u>EI = 751 26</u>
Slati	<u>16</u>	<u>30</u>	<u>34</u>	
Coal	<u>30</u>	<u>35</u>	<u>5</u>	
Slati	<u>35</u>	<u>100</u>	<u>45</u>	
Sand	<u>100</u>	<u>110</u>	<u>10</u>	
Slati	<u>110</u>	<u>130</u>	<u>20</u>	
Sand	<u>130</u>	<u>330</u>	<u>220</u>	
Slati	<u>330</u>	<u>385</u>	<u>35</u>	
Coal	<u>385</u>	<u>390</u>	<u>5</u>	
Slati	<u>390</u>	<u>420</u>	<u>30</u>	
Sand	<u>420</u>	<u>520</u>	<u>100</u>	
Slati	<u>520</u>	<u>600</u>	<u>80</u>	
Sand	<u>600</u>	<u>650</u>	<u>50</u>	
Slati	<u>650</u>	<u>680</u>	<u>30</u>	
Sand	<u>680</u>	<u>720</u>	<u>40</u>	
Slati	<u>720</u>	<u>890</u>	<u>170</u>	<u>Hole full of water at 925</u>
Salt sand	<u>890</u>	<u>1320</u>	<u>630</u>	
Slati	<u>1320</u>	<u>1325</u>	<u>5</u>	
Litto lime	<u>1325</u>	<u>1355</u>	<u>30</u>	
Pencil Carr	<u>1355</u>	<u>1360</u>	<u>5</u>	
Brq lime	<u>1360</u>	<u>1745</u>	<u>185</u>	
Coq lime	<u>1745</u>	<u>1800</u>	<u>55</u>	
Slati	<u>1800</u>	<u>1860</u>	<u>60</u>	
lime shells	<u>1860</u>	<u>1980</u>	<u>120</u>	
Slati	<u>1980</u>	<u>2200</u>	<u>220</u>	
lime shells	<u>2200</u>	<u>2210</u>	<u>10</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043 - 30937

RECORD of Well No. 6 on B. F. Lumer Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 13 1912, Completed July 31-1912 19\_\_\_\_  
 Cost per foot, 1.15 Contractor, Gauley & Harrison Address, Gauley, W. Va.  
 Drillers' Names \_\_\_\_\_

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16-Inch	4 1/2 Inch
12						1745				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
12						1745				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
8/1/12	80MT								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		12	12	EI = 943.88
Red Rock	12	160	148	
Sand	160	200	40	
Slate	200	225	25	
Sand	225	300	75	
Coal	300	302	2	305' of 10" hole
Slate	302	322	20	
Sand	322	480	158	
Slate	480	530	50	
Sand	530	600	70	
Slate	600	650	50	
Sand	650	750	100	
Slate	750	820	70	Hole full of water at 1120'
Sand	820	870	50	
Slate	870	900	30	
Sand	900	930	30	
Slate	930	1040	110	
Salt Sand	1040	1695	655	
Little lime	1695	1730	35	
Peppier layer	1730	1735	5	
Big lime	1735	1930	195	
Big Syum	1930	1970	40	
Slate	1970	2020	50	
Squaw	2020	2120	100	
Slate	2120	2400	280	
Brown Shale	2400	2422	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 7 on B.F. Barnes Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Began Drilling \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Jan 12 1914, Completed Mar 3 1914  
 Cost per foot, 1.15 Contractor Hankey & Furman Drilling Co. Address, Hankey, W.V.  
 Drillers' Names E.H. Millwagon & W.W. Kaufhill

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/4 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16 Inch	4 3/4 Inch
15'						1735'				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/4 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16 Inch	4 3/4 Inch
15'						1735'				

OIL WELL

GAS WELL

Gun Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/5/14	8 1/2" x 8"								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		15	15	E. =
Slate	15	100	85	
Sand	100	140	40	
Slate	140	200	60	
Sand	200	250	50	
Slate	250	350	100	
Sand	350	450	100	
Slate	450	500	50	
Sand	500	590	90	350' 10" hole
Slate	590	715	125	
Sand	715	815	100	
Slate	815	915	100	
Sand	915	995	80	
Slate	995	1030	35	
Salt sand	1030	1680	650	Hole full of water at 1130'
Little Lime	1680	1715	35	
Pencil Car	1715	1722	7	
Big Lime	1722	1912	190	
Big Syum	1912	1982	70	
Slate	1982	2050	68	
Squaw shells	2050	2170	120	
Slate	2170	2378	208	
Lime shells	2378	2408	30	
Brown shale	2408	2425 1/2	17 1/2	
Red sand	2425 1/2	2444 1/2	19	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043 - 30678

RECORD of Well No. 8 on B. F. Currier Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Sept 18 1916 Completed Oct 19 1916  
 Cost per foot, 1.15 Contractor, Bone Drilling Co. Address, Yanbury, W. Va.  
 Drillers' Names J. H. Hanes & A. A. DeLong

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
11				300		1620				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
11						1620				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
10/21/16	804 1/2								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		11	11	EI=804.44
Sand	11	61	50	
Slate	61	100	39	Hole full fresh water
Sand	100	500	400	at 130'
Slate	500	550	50	
Sand	550	800	250	
Slate	800	870	70	Hole full salt water at
Sand	870	900	30	990'
Slate	900	925	25	
Salt Sand	925	1550	625	Shot. 4/11/11 - 60 lbs. Berea Grit
Marl Sand	1550	1570	20	
Slate	1570	1575	5	
Black Lime	1575	1605	30	
Pencil Cave	1605	1615	10	
White Lime	1615	1805	190	
Green Sand	1805	1873	68	
Slate	1873	1933	60	
Shells	1933	2083	150	
Slate	2083	2262	179	
Brown Shale	2262	2282	20	
Berea Grit	2282	2301	19	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043 - 30741

RECORD of Well No. 9 on B. F. Luman Farm Acres  
 Field, Jefferson District Dual County Lincoln  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced July 26 1916 Completed Sept 1<sup>st</sup> 1916  
 Cost per foot, 1.00 Contractor, Bone Drilling Co. Address, \_\_\_\_\_  
 Drillers' Names J. A. Haues & L. P. Morris

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16 Inch	4 3/8 Inch
<u>11</u>				<u>298</u>		<u>1590</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16 Inch	4 3/8 Inch
<u>11</u>						<u>1590</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>9/4/16</u>	<u>80qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>11</u>	<u>11</u>	<u>EI = 736 ft</u>
<u>Sand</u>	<u>11</u>	<u>60</u>	<u>49</u>	<u>Hole full water 40'</u>
<u>Slate</u>	<u>60</u>	<u>75</u>	<u>15</u>	
<u>Sand</u>	<u>75</u>	<u>100</u>	<u>25</u>	
<u>Slate</u>	<u>100</u>	<u>130</u>	<u>30</u>	
<u>Sand</u>	<u>130</u>	<u>170</u>	<u>40</u>	
<u>Slate</u>	<u>170</u>	<u>195</u>	<u>25</u>	
<u>Sand</u>	<u>195</u>	<u>295</u>	<u>100</u>	
<u>Slate</u>	<u>295</u>	<u>315</u>	<u>20</u>	
<u>Sand</u>	<u>315</u>	<u>375</u>	<u>60</u>	<u>Hole full salt water 985'</u>
<u>Slate</u>	<u>375</u>	<u>405</u>	<u>30</u>	
<u>Sand</u>	<u>405</u>	<u>485</u>	<u>80</u>	
<u>Slate</u>	<u>485</u>	<u>515</u>	<u>30</u>	
<u>Sand</u>	<u>515</u>	<u>575</u>	<u>60</u>	
<u>Slate</u>	<u>575</u>	<u>600</u>	<u>25</u>	
<u>Sand</u>	<u>600</u>	<u>640</u>	<u>40</u>	
<u>Slate</u>	<u>640</u>	<u>715</u>	<u>75</u>	
<u>Sand</u>	<u>715</u>	<u>815</u>	<u>100</u>	
<u>Slate</u>	<u>815</u>	<u>850</u>	<u>35</u>	
<u>lime shells</u>	<u>850</u>	<u>900</u>	<u>50</u>	
<u>salt sand</u>	<u>900</u>	<u>1540</u>	<u>640</u>	
<u>Black lime</u>	<u>1540</u>	<u>1575</u>	<u>35</u>	
<u>Peavel Cave</u>	<u>1575</u>	<u>1580</u>	<u>5</u>	
<u>Big lime</u>	<u>1580</u>	<u>1765</u>	<u>185</u>	
<u>Big Limestone</u>	<u>1765</u>	<u>1825</u>	<u>60</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30064

RECORD of Well No. 10 on B. F. Cumers Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced May 2 1914, Completed Sept 8 1914  
 Cost per foot, 1.15 Contractor, Hankey & Finner Dist. Address, Yarmouth, WV.  
 Drillers' Names L. E. Stillwagon & W. W. Leasly

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
14						1790				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
14						1790				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Press
9/10/15	80qt.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		14	14	El = 968.61
Sand	14	34	20	
Red Rock	34	100	66	304' 10" hole
Sand	100	150	50	
Shale	150	250	100	
Sand	250	300	50	
Shale	300	304	4	
Sand	304	429	125	Hole full of Water at 1120
Shale	429	700	271	
Sand	700	800	100	
Shale	800	900	100	
Salt Sand	900	1020	120	
Little Lime	1020	1740	720	
Pencil Coal	1740	1775	35	
Big Lime	1775	1780	5	
" Limestone	1780	1960	180	
Shale	1960	2020	60	
Lime shells	2020	2100	80	
Shale	2100	2200	100	
Shale	2200	2432	232	stopped in shale above
Shale	2432	2449	17	sand. on June 23-1914
Sand	2449	2469	20	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-02214

RECORD of Well No. 11 on B. F. Currier Farm Acres  
 Field, District County  
 Rig Commenced 19. Completed 19.  
 Drilling Commenced Dec 8 1915 Completed Jan 11 1916  
 Cost per foot, 1.15 Contractor, Penn Drilling Co Address, York, Pa.  
 Drillers' Names J. H. Hanes & A. M. Humber

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1730</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1730</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>1/12/16</u>	<u>80 qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	
Sand	16	65	49	
Slate	65	100	35	
Red Rock	100	120	20	
Sand	120	200	80	Reduced hole from 10" to 8" at
Slate	200	280	80	410'
Sand	280	410	130	
Slate	410	650	240	Hole full of salt water
Sand	650	950	300	at 1090'
Slate	950	1015	65	
Net Sand	1015	1690	675	
Back line	1690	1720	30	
Conc. Core	1720	1726	6	
White Sand	1726	1906	180	
Green Sand	1906	1966	60	
Slate & Shells	1966	2380	414	
Green Shale	2380	2400	20	
Brown Grit	2400	2422	22	

Total depth 2425'

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

COPY

Company name: East Resources Inc
LOCATION: Elevation: 917.63'
District: Duval
Latitude: 14,225 Feet south of
Longitude: 9,400 Feet west of
Company: EAST RESOURCES, INC.
P.O. BOX 5519
VIENNA, WV 26105-5519
Agent: MICHAEL MCCOWN
Inspector: Ralph Triplett
Permit Issued: 05/06/03
Well work Commenced: 06/09/03
Well work Completed: 07/02/03
Verbal plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 4142'
Fresh water depths (ft) NA
Salt water depths (ft) NA
Is coal being mined in area (Y/N) N
Coal Depths (ft): NA

Operator Well No.: B F Curnes 11
Quadrangle: Griffithsville 7.5'
County: Lincoln
38 Deg 17 Min 30 Sec.
81 Deg 55 Min 00 Sec.

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft.
Rows include 6 5/8", 5 3/8", and 3 1/2" sizes with corresponding drilling depths and cement fill volumes.

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 3506'-3916'
Gas: Initial open flow 0 MCF/d Oil: Initial open flow Bbl/d
Final open flow 253 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock pressure 310 psig (surface pressure) after 24 Hours
Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

JUN 01 2015

WV Department of Environmental Protection

For: EAST RESOURCES, INC
By: [Signature]
Date: 8/18/03

B.F. Curns 411 47-043-02214

Treatment:

Perfs: 3506'-3916' - treated w/ 500 gal 7.5% HCL, 647 bbls foam and 43,500 # 20/40 sand

Well Log:

Drilled deeper 2422'-4142' - Devonian shale

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

47.043-03665

RECORD of Well No. 12 on B. F. James Farm Acres

Field, Suffolk District Swain County Swain

Rig Commenced 19 Completed 19

Drilling Commenced Jan 25 1916 Completed March 1 1916

Cost per foot, 115 Contractor, Bowie Drilling Co Address, York, W. Va.

Drillers' Names J. H. Hauer & A. M. Spurlock

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
<u>16</u>						<u>1795</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1795</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressun
<u>3/2/16</u>	<u>80qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		<u>16</u>	<u>16</u>	<u>EI=992.52</u>
Slate	<u>16</u>	<u>100</u>	<u>84</u>	
Red Rock	<u>100</u>	<u>140</u>	<u>40</u>	
Slate	<u>140</u>	<u>170</u>	<u>30</u>	<u>Reduced hole from 10" to 8" at 445'</u>
Sand	<u>170</u>	<u>200</u>	<u>30</u>	
Slate	<u>200</u>	<u>220</u>	<u>20</u>	
Sand	<u>220</u>	<u>270</u>	<u>50</u>	<u>Hole full salt water at 1130'</u>
Slate	<u>270</u>	<u>310</u>	<u>40</u>	
Sand	<u>310</u>	<u>455</u>	<u>145</u>	
Slate	<u>455</u>	<u>495</u>	<u>40</u>	
Sand	<u>495</u>	<u>595</u>	<u>100</u>	
Slate	<u>595</u>	<u>635</u>	<u>40</u>	
Sand	<u>635</u>	<u>810</u>	<u>175</u>	
Slate	<u>810</u>	<u>900</u>	<u>90</u>	
Sand	<u>900</u>	<u>1010</u>	<u>110</u>	
Slate	<u>1010</u>	<u>1090</u>	<u>80</u>	
Salt Sand	<u>1090</u>	<u>1729</u>	<u>639</u>	
Slate	<u>1729</u>	<u>1734</u>	<u>5</u>	
Water Sand	<u>1734</u>	<u>1749</u>	<u>15</u>	
Black lime	<u>1749</u>	<u>1779</u>	<u>30</u>	
Pencil cave	<u>1779</u>	<u>1790</u>	<u>11</u>	
ing lime	<u>1790</u>	<u>1970</u>	<u>180</u>	
Impure Sand	<u>1970</u>	<u>2030</u>	<u>60</u>	
Slate	<u>2030</u>	<u>2090</u>	<u>60</u>	
Shells & Slate	<u>2090</u>	<u>2250</u>	<u>160</u>	
Slate	<u>2250</u>	<u>2453</u>	<u>203</u>	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

47-043 - 30669

RECORD of Well No. 13 on B. F. Kumar Farm Acres 5.4  
 Field, Quail District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced June 9 1916 Completed July 18 1916  
 Cost per foot, 1.15 Contractor, Boone Drilling Co. Address, \_\_\_\_\_  
 Drillers' Names J. H. Harris & L. P. Harris

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 5/8 Inch	5 3-16 Inch	4 3/8 Inch
<u>16</u>				<u>465</u>		<u>1770</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 5/8 Inch	5 3-16 Inch	4 3/8 Inch
<u>16</u>						<u>1770</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/20/16</u>	<u>80qt</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS	
Soil		<u>16</u>	<u>16</u>	<u>EI=971.25</u>	
Red Rock	<u>16</u>	<u>75</u>	<u>59</u>		
Sand	<u>75</u>	<u>125</u>	<u>50</u>		
Slate	<u>125</u>	<u>140</u>	<u>15</u>		
Sand	<u>140</u>	<u>165</u>	<u>25</u>		
Slate	<u>165</u>	<u>215</u>	<u>50</u>		
Sand	<u>215</u>	<u>315</u>	<u>100</u>		
Slate	<u>315</u>	<u>390</u>	<u>75</u>		
Sand	<u>390</u>	<u>460</u>	<u>70</u>		
Slate	<u>460</u>	<u>520</u>	<u>100</u>		
Sand	<u>520</u>	<u>585</u>	<u>25</u>		
Slate	<u>585</u>	<u>600</u>	<u>15</u>		
Sand	<u>600</u>	<u>725</u>	<u>125</u>		<u>Hole full salt water at 1160'</u>
Slate	<u>725</u>	<u>785</u>	<u>60</u>		
Sand	<u>785</u>	<u>835</u>	<u>50</u>		
Slate	<u>835</u>	<u>860</u>	<u>25</u>		
Sand	<u>860</u>	<u>925</u>	<u>65</u>		
Slate	<u>925</u>	<u>965</u>	<u>40</u>		
Sand	<u>965</u>	<u>1045</u>	<u>80</u>		
lime shells	<u>1045</u>	<u>1090</u>	<u>45</u>		
fat sand	<u>1090</u>	<u>1690</u>	<u>600</u>		
thin sand	<u>1690</u>	<u>1730</u>	<u>40</u>		
Black lime	<u>1730</u>	<u>1760</u>	<u>30</u>		
Pencil Carr	<u>1760</u>	<u>1765</u>	<u>5</u>		
Big lime	<u>1765</u>	<u>1955</u>	<u>190</u>		
lynn sand	<u>1955</u>	<u>2020</u>	<u>65</u>		

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Record of Well No. 1 on *J. W. Carver* Farm

47.043 - 31248 Acres *31248*

Field *Small* District *Jacobs* County *Jacobs*

Rig Commenced 19 *1909* Completed 19 *1909*  
 Drilling Commenced *Feb 15th* 1909, Completed *May 21st* 1909

Cost per foot, *11* Contractor, *Miller Bros* Address, *York, Pa.*

Drillers' Names, *J. B. Adams, J. W. Adams, J. W. Adams*

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
<i>10 1/2</i>				<i>334</i>		<i>1905</i>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
						<i>1915</i>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tabing	Rods		Size of Packer	Depth Set	Tabing	1st Minute Pressure	Rock Pressure
	FORMATION		TOP	BOTTOM	THICKNESS			REMARKS		
<i>5/22/09</i>	<i>900</i>	<i>7 1/2 lbs</i>	<i>2nd shot</i>	<i>140 ft.</i>						
<i>Sand</i>				<i>8</i>	<i>8</i>					
<i>Red brick &amp; slate</i>			<i>8</i>	<i>330</i>	<i>322</i>			<i>Gas in salt sand at</i>		
<i>Slate</i>			<i>330</i>	<i>450</i>	<i>120</i>			<i>1300 ft. Estimated 50,000</i>		
<i>Coal</i>			<i>450</i>	<i>455</i>	<i>5</i>					
<i>Slate</i>			<i>455</i>	<i>520</i>	<i>65</i>			<i>Hole filled full of</i>		
<i>Sand</i>			<i>520</i>	<i>580</i>	<i>60</i>			<i>salt sand water 1210 ft.</i>		
<i>Slate</i>			<i>580</i>	<i>680</i>	<i>100</i>					
<i>Sand</i>			<i>680</i>	<i>720</i>	<i>40</i>					
<i>Slate</i>			<i>720</i>	<i>800</i>	<i>80</i>			<i>Gas in sand at 2045 ft.</i>		
<i>Sand &amp; shale</i>			<i>800</i>	<i>820</i>	<i>20</i>			<i>Estimated 100,000 cubic ft.</i>		
<i>Slate</i>			<i>820</i>	<i>850</i>	<i>30</i>					
<i>Sand</i>			<i>850</i>	<i>890</i>	<i>40</i>			<i>Oil in top of sand</i>		
<i>Slate</i>			<i>890</i>	<i>940</i>	<i>50</i>					
<i>Sand</i>			<i>940</i>	<i>1120</i>	<i>180</i>					
<i>Slate</i>			<i>1120</i>	<i>1220</i>	<i>100</i>					
<i>Salt sand</i>			<i>1220</i>	<i>1872</i>	<i>652</i>					
<i>Black sand</i>			<i>1872</i>	<i>1902</i>	<i>30</i>					
<i>Blue clay</i>			<i>1902</i>	<i>1910</i>	<i>8</i>					
<i>Grey sand</i>			<i>1910</i>	<i>2090</i>	<i>180</i>					
<i>Green sand</i>			<i>2090</i>	<i>2150</i>	<i>60</i>					
<i>Slate &amp; shale</i>			<i>2150</i>	<i>2575</i>	<i>425</i>					
<i>Brown shale</i>			<i>2575</i>	<i>2595</i>	<i>20</i>					
<i>Brown salt sand</i>			<i>2595</i>	<i>2617</i>	<i>22</i>					
<i>Bot. Brown sand</i>			<i>2617</i>	<i>2621</i>	<i>4</i>					

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

*Miller*

Record of Well No. 2 on J.W. Barnes Farm Acres 47-043-30635  
Oil Field, Quail District Sevier County, Tennessee

Rig Commenced 19 Completed 19  
 Drilling Commenced Sept 3 1909. Completed Oct 15 1909  
 Cost per foot, 1.10 Contractor, McBride & McBride Address, Princeton, Tenn  
 Drillers' Names, Pat Auglin & Geo McCarver

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>16</u>			<u>203</u>			<u>1735</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 inch	5 1/2 inch	4 1/2 inch
						<u>1735</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>10/15/09</u>		<u>2.00</u>	<u>McBride</u>	<u>11098</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Red Rock</u>	<u>16</u>	<u>176</u>	<u>160</u>	<u>(J.W. Barnes well #2)</u> <u>Shot 5/26/19 - tople. Gorden</u>
<u>Sand</u>	<u>176</u>	<u>290</u>	<u>114</u>	
<u>Sand &amp; shales</u>	<u>290</u>	<u>500</u>	<u>510</u>	
<u>Coal</u>	<u>500</u>	<u>505</u>	<u>5</u>	
<u>Top salt band</u>	<u>1080</u>	<u>1690</u>	<u>610</u>	<u>Water, Hole full 1120</u>
<u>Shale</u>	<u>1690</u>	<u>1694</u>	<u>4</u>	
<u>Little sand</u>	<u>1694</u>	<u>1720</u>	<u>26</u>	
<u>Shale</u>	<u>1720</u>	<u>1725</u>	<u>5</u>	
<u>Big Sand</u>	<u>1725</u>	<u>1905</u>	<u>180</u>	<u>Gas at 1840</u>
<u>Shale</u>	<u>1905</u>	<u>1985</u>	<u>80</u>	
<u>Shale &amp; shales</u>	<u>1985</u>	<u>2387</u>	<u>402</u>	
<u>Brown shale</u>	<u>2387</u>	<u>2407</u>	<u>20</u>	
<u>Top sand</u>	<u>2407</u>	<u>2426</u>	<u>19</u>	<u>Oil at 2407</u>
<u>Total</u>		<u>2428</u>		<u>ET</u>

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02215

RECORD of Well No. 3 on J.M. Burns Farm Acres Yuffletts  
ville Field, District County, ✓

Rig Commenced 19 Completed 19  
 Drilling Commenced Feb 23 1910 Completed April 5 1910  
 Cost per foot, 1.10 Contractor, Miller Bros Address, Yawkey,  
 Drillers' Names, J.E. Lybrand and Frank Sattler

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1-10 Inch	4 1/2 Inch
16				480		1780				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1-10 Inch	4 1/2 Inch
16						1780				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
4/7/10	90 gr.	2 mg	Shot	8 3/4" 120 gr.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		10	10	
Red Rock	10	225	215	Not a piece of salt
Levee Stone	225	260	35	Sand water at 1290 ft
Shale	260	300	40	
Sand	300	370	70	Little gas in Big line
Shale	370	430	60	at 2005'
Sand	430	515	85	
Shale	515	580	65	
Sand	580	660	80	
Shale	660	720	60	fill up our tools 300'
Sand	720	790	70	while drilling sand
Shale	790	830	40	
Sand	830	925	95	
Shale	925	970	45	
Sand	970	1040	70	
Shale	1040	1100	60	
Sand	1100	1220	120	
Shale	1220	1245	25	
Salt sand	1245	1795	550	
Shale	1795	1830	35	
Black Sand	1830	1870	40	
Dark Sand	1870	1875	5	
Big Sand	1875	2055	180	
Big Sand	2055	2125	70	
Bona Sand	2125	2540	415	
Brown Sand	2540	2563	23	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043 - 30579

Record of Well No. *4* on *J. M. Camp's* Farm Acres *1.5*  
 Field *Dural* District *Lincoln Co* County *W. Va.*  
 Rig Commenced *19* Completed *19*  
 Drilling Commenced *June 31 1910* Completed *Sept 25 1910*  
 Cost per foot *1.10* Contractor *Walter Bacon* Address *Yankey*  
 Drillers' Names *E. L. Williamson & Albert Rancold*

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 inch	5 1/2 inch	4 1/2 inch
<i>14</i>				<i>510</i>		<i>1935</i>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 inch	5 1/2 inch	4 1/2 inch
						<i>1935</i>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<i>2/25/10</i>	<i>4 1/2"</i>	<i>2.00</i>	<i>9 3/4"</i>	<i>1 1/2"</i>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<i>Salt</i>		<i>14</i>	<i>14</i>	<i>at 460 to 464 - 4' bed</i>
<i>State</i>	<i>14</i>	<i>50</i>	<i>36</i>	
<i>Red Rock</i>	<i>50</i>	<i>60</i>	<i>10</i>	
<i>Sand</i>	<i>60</i>	<i>120</i>	<i>60</i>	<i>Barrel hole, very after</i>
<i>Red Rock</i>	<i>120</i>	<i>180</i>	<i>60</i>	<i>drilling through sand</i>
<i>State</i>	<i>180</i>	<i>240</i>	<i>60</i>	
<i>Shale</i>	<i>240</i>	<i>280</i>	<i>40</i>	<i>ET</i>
<i>Sand</i>	<i>280</i>	<i>320</i>	<i>40</i>	
<i>Red Rock</i>	<i>320</i>	<i>360</i>	<i>40</i>	
<i>Shale</i>	<i>360</i>	<i>460</i>	<i>100</i>	
<i>State</i>	<i>460</i>	<i>610</i>	<i>150</i>	
<i>Sand</i>	<i>610</i>	<i>710</i>	<i>100</i>	
<i>State</i>	<i>710</i>	<i>770</i>	<i>60</i>	
<i>Sand</i>	<i>770</i>	<i>940</i>	<i>170</i>	
<i>Shale</i>	<i>940</i>	<i>1260</i>	<i>320</i>	
<i>Salt Sand</i>	<i>1260</i>	<i>1900</i>	<i>640</i>	
<i>Black Sand</i>	<i>1900</i>	<i>1930</i>	<i>30</i>	
<i>Peccol Cave</i>	<i>1930</i>	<i>1935</i>	<i>5</i>	
<i>Big Sand</i>	<i>1935</i>	<i>2120</i>	<i>185</i>	
<i>Sand</i>	<i>2120</i>	<i>2170</i>	<i>50</i>	
<i>Thin Sand</i>	<i>2170</i>	<i>2600</i>	<i>430</i>	
<i>Thin Sand</i>	<i>2600</i>	<i>2621</i>	<i>21</i>	
<i>Thin Sand</i>	<i>2621</i>	<i>2643</i>	<i>22</i>	
<i>Bottom Hole</i>	<i>2643</i>			

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Record of Well No. 5 on J. M. James Farm. Acres 47.043 - 30219  
Willi Field, Swad District Lincoln County, W. Va.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Aug 1 1911 Completed Sept 12 1911  
 Cost per foot, 1.10 Contractor Weyer Bros Address, Yankey, W. Va.  
 Drillers' Names, Albert Baumber & J. M. Chickster

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	18 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	6 3/16 inch	6 1/16 inch
10						1812				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	18 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	6 3/16 inch	6 1/16 inch
10						1812				

OIL WELL

GAS WELL

Abandoned 1812

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Rock Pressure
9/14/11	90 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		10	10	290' 10" hole made
Sand	10	60	50	
Slate	60	100	40	Water 1210'
Red Rock	100	150	50	
Slate	150	240	90	6 5/8 casing 1812
Sand	240	275	35	
Slate	275	350	75	Elev 1000'
Sand	350	375	25	
Slate	375	420	45	
Sand	420	440	20	
Slate	440	460	20	Abandoned July 26-1940
Sand	460	580	120	
Coal	580	584	4	
Slate	584	660	76	
Sand	660	850	190	
Slate	850	900	50	
Sand	900	1000	100	
Slate	1000	1060	60	
Sand	1060	1100	40	
Slate	1100	1140	40	
Soft Sand	1140	1745	605	
Slate	1745	1755	10	
Black Lime	1755	1790	35	
Pyritic Sand	1790	1795	5	
White Lime	1795	1970	175	
Sand	1970	2020	50	
Berea Shale	2020	2466	446	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 6 on J. W. Barnes Farm 47.043 - 30384 Acres  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Feb 9 1912, Completed Apr 3 1912  
 Cost per foot, 1.15 Contractor, Yawkey's Drilling Address, Yawkey, W. Va.  
 Drillers' Names D. M. Rodgers & S. L. Lewis

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>10</u>						<u>1975</u>			<u>2007</u>	

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>10</u>						<u>1975</u>	<u>1987</u>	<u>filled when abandoned</u>	<u>2007</u>	<u>filled when abandoned</u>

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>4/9/12</u>	<u>80 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil &amp; clay</u>		<u>10</u>	<u>10</u>	<u>based 10' in Big Lime</u>
<u>limestone</u>	<u>10</u>	<u>15</u>	<u>5</u>	
<u>Red Rock</u>	<u>15</u>	<u>200</u>	<u>185</u>	<u>E1 = 1152.91</u>
<u>Sand</u>	<u>200</u>	<u>215</u>	<u>15</u>	
<u>Red Rock</u>	<u>215</u>	<u>375</u>	<u>160</u>	
<u>Sand</u>	<u>375</u>	<u>460</u>	<u>85</u>	
<u>Slaty</u>	<u>460</u>	<u>505</u>	<u>45</u>	
<u>Coal(?)</u>	<u>505</u>	<u>508</u>	<u>3</u>	
<u>limestone</u>	<u>508</u>	<u>520</u>	<u>12</u>	<u>570' of 10" hole</u>
<u>Slaty</u>	<u>520</u>	<u>600</u>	<u>80</u>	
<u>Sand</u>	<u>600</u>	<u>670</u>	<u>70</u>	
<u>Slaty</u>	<u>670</u>	<u>750</u>	<u>80</u>	
<u>Sand</u>	<u>750</u>	<u>950</u>	<u>200</u>	
<u>Slaty</u>	<u>950</u>	<u>980</u>	<u>30</u>	<u>5 barrels of water 1285'</u>
<u>Sand</u>	<u>980</u>	<u>1005</u>	<u>25</u>	
<u>Slaty &amp; sand</u>	<u>1005</u>	<u>1275</u>	<u>270</u>	
<u>Salt sand</u>	<u>1275</u>	<u>1927</u>	<u>652</u>	<u>Hole full of water at 1360'</u>
<u>Little Lime</u>	<u>1927</u>	<u>1962</u>	<u>35</u>	
<u>Peccol. layer</u>	<u>1962</u>	<u>1965</u>	<u>3</u>	
<u>Big Lime</u>	<u>1965</u>	<u>2155</u>	<u>190</u>	
<u>Big Lime</u>	<u>2155</u>	<u>2195</u>	<u>40</u>	
<u>Slaty &amp; Shells</u>	<u>2195</u>	<u>2627</u>	<u>432</u>	
<u>Brown Shale</u>	<u>2627</u>	<u>2639</u>	<u>12</u>	
<u>Bona Sand</u>	<u>2639</u>	<u>2660</u>	<u>21</u>	

"Abandoned"  
 A . . . . .

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. **7** on **J. W. Warner** Farm

**47-043-30385** Acres

Field, \_\_\_\_\_

District \_\_\_\_\_

County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_

19 \_\_\_\_\_

Completed \_\_\_\_\_

19 \_\_\_\_\_

Drilling Commenced **Oct 4**

19**11**

Completed **Nov. 21**

19**11**

Cost per foot, **1.16**

Contractor, **Weiler Bros.**

Address, **Hawkey, W. Va.**

Drillers' Names, **E. H. Millwagon & Guy McComb**

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<b>16</b>		<b>28</b>				<b>1920</b>				<b>1327</b>

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<b>16</b>		<b>28</b>				<b>1920</b>	<b>200 - feet when abandoned</b>		<b>1327</b>	

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<b>11/23/11</b>	<b>80 gr</b>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		12	12	
Red Rock	12	330	318	
Sand	330	350	20	
Slate + Shells	350	600	250	10" hole 330'
Sand	600	675	75	
Slate	675	725	50	
Sand	725	960	235	
Slate + Shells	960	1000	40	
Sand	1000	1040	40	
Slate	1040	1050	10	
Sand	1050	1100	50	
Black Slate	1100	1215	115	
Salt Sand	1215	1880	665	hole filled with water at 1270'
Black Lime	1880	1905	25	
Pencil Ore	1905	1910	5	
White Lime	1910	2100	190	
Green Sand	2100	2170	70	Puff Gas at 2135'
Brown Shale	2170	2575	405	
Brown Shale	2575	2595	20	
Brown Sand	2595	2615	20	oil in top of sand to about 3' of bottom cost 31 hand

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

"Abandoned"  
Oct. 19, 1943.

47.043-30002

Well No. 8 J.W. Currier Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Lease No. Duro District Lincoln County W. Va. State \_\_\_\_\_  
H. Jackson Contractor SOUTH-PENN DRILLING TOOLS CO. Contractor \_\_\_\_\_  
 Drilling Commenced Jan. 26 1918 Drilling Completed Mar. 13, 1918  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Conductor		16		
Red Rock	16	60	52	
Slate	60	285		
Sand	285	340		
Slate	340	385		
Coal	385	388		
Slate	388	450		
sand	450	610	582	
Coal	610	615		
slate	615	650		
sand	650	700		
slate	700	850		
sand	850	920		
slate	920	1030		
sand	1030	1100		
slate	1100	1150		
salt sand	1150	1782		
Water Hole full	1200			
Marion sand	1782	1802		
Little Lime	1802	1833		
Pencil Cave	1833	1841		
Big Lime	1841	2026	1854	

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date
	FEET	IN.	FEET	IN.	FEET	IN.	
							Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by \_\_\_\_\_ Superintendent \_\_\_\_\_

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30002

Well No. 8 J. W. Currier Cont. Farm  
 Lease No. District County  
 Contractor Acres  
 State  
 Contractor  
 191  
 Drilling Commenced 191 Drilling Completed  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Injuw Sand	2026	2086		
slate	2086	2186		
shells	2186	2286		
slate	2286	2496		
Brown shale	2496	2516		
Berea sand	2516	2536		
oil	2520	2536		
Total Depth		2536	2536	
ABANDONED				
MAY 28 1930				

El = Darron Floor 1027.08 - 1027.70

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result	Packer Size	Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.						
10	52	-	52	-	52	-	March 14, 1918.	80 gts.	Berea	Open Flow.	Flow Head	
8 1/4	585	-	585	-	60	-					Steel Shoe Head	
6 5/8	1868	-			1868	-						1854

Production First 24 Hours 4 Bbls. Gas Test.  
 Approved by A. H. Anschutz Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 2

on Maggin Fowler Farm

47-043-31053

Acres

Field,

District

County

Rig Commenced 19 , Completed 19

Drilling Commenced May 7 1912 , Completed June 22 1912

Cost per foot, 1.15 Contractor, Yantley & Furman Driller's Address, Yantley, W.V.

Drillers' Names P. J. King & A. C. Harris

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10-Inch	4 3/4 Inch
		<u>14</u>			<u>1</u>	<u>1800</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
						<u>1800</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pro
<u>6/24/12</u>	<u>80 gr</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface clay	<u>14</u>			<u>Reduced hole at 425'</u>
Sand	<u>14</u>	<u>20</u>	<u>6</u>	
Slate	<u>20</u>	<u>30</u>	<u>30</u>	<u>Hole full of water in salt sand 1165'</u>
Slate & sand	<u>30</u>	<u>235</u>	<u>185</u>	
Coal	<u>235</u>	<u>239</u>	<u>4</u>	<u>Gas in salt sand at 1120'</u>
Slate & sand	<u>239</u>	<u>420</u>	<u>181</u>	
Coal	<u>420</u>	<u>425</u>	<u>5</u>	
Slate & sand	<u>425</u>	<u>1095</u>	<u>670</u>	
Salt sand	<u>1095</u>	<u>1745</u>	<u>650</u>	
Slate	<u>1745</u>	<u>1755</u>	<u>10</u>	
Little Lime	<u>1755</u>	<u>1785</u>	<u>30</u>	
Crucial Cave	<u>1785</u>	<u>1790</u>	<u>5</u>	
Big Lime	<u>1790</u>	<u>1970</u>	<u>180</u>	
Green sand	<u>1970</u>	<u>2040</u>	<u>70</u>	
Slate	<u>2040</u>	<u>2120</u>	<u>80</u>	
Shells	<u>2120</u>	<u>2205</u>	<u>85</u>	
Slate & Shells	<u>2205</u>	<u>2455</u>	<u>250</u>	
Shale	<u>2455</u>	<u>2477 1/2</u>	<u>22 1/2</u>	
Bona sand	<u>2477 1/2</u>	<u>2498 1/2</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 3 Wagon Fowler Pa. Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Aug 12 1912 Completed Mar 1 1914  
 Cost per foot, 1.15 Contractor, Spawkey & Furman Oil Co. Address, Spawkeyville  
 Drillers' Names E. A. Stillwagon & M. D. Prody

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	5 3/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
<u>13</u>						<u>1910</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	5 3/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
<u>13</u>						<u>1910</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>11/2/12</u>	<u>80 qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		<u>13</u>	<u>13</u>	<u>EI=1112.61</u>
Red Rock	<u>13</u>	<u>80</u>	<u>67</u>	
Sand	<u>80</u>	<u>130</u>	<u>50</u>	
Red Rock	<u>130</u>	<u>150</u>	<u>20</u>	
Sand	<u>150</u>	<u>300</u>	<u>150</u>	<u>530' of 10" hole</u>
Shale	<u>300</u>	<u>400</u>	<u>100</u>	
Sand	<u>400</u>	<u>530</u>	<u>130</u>	
Coal	<u>530</u>	<u>535</u>	<u>5</u>	
Shale	<u>535</u>	<u>560</u>	<u>25</u>	
Sand	<u>560</u>	<u>600</u>	<u>40</u>	
lime & sand	<u>600</u>	<u>800</u>	<u>200</u>	
Shale & sand	<u>800</u>	<u>1200</u>	<u>400</u>	
grit sand	<u>1200</u>	<u>1865</u>	<u>665</u>	<u>Hole full of water at 1265'</u>
Little lime	<u>1865</u>	<u>1900</u>	<u>35</u>	
Pencil bar	<u>1900</u>	<u>1903</u>	<u>3</u>	
Big lime	<u>1903</u>	<u>2088</u>	<u>185</u>	
lime	<u>2088</u>	<u>2158</u>	<u>70</u>	
shells	<u>2158</u>	<u>2318</u>	<u>160</u>	
Shale	<u>2318</u>	<u>2564</u>	<u>246</u>	
Brown shale	<u>2564</u>	<u>2584</u>	<u>20</u>	
Brown sand	<u>2584</u>	<u>2603</u>	<u>19</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30249

RECORD of Well No. 4 on Maggie Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov 17 193, Completed Jan 15 194  
 Cost per foot, 1.15 Contractor, Yauhey & Furman Oil Co Address, Yauhey, W. Va.  
 Drillers' Names Guy Soudan & W.D. Rodgen.

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
15						1655				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
15						1655	pulled			

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/17/14	800ft.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		15	15	Shot 1 1/2" - 90 qts. - Berea!
Sand	15	25	10	
Red. Rock	25	45	20	385' 10" hole.
Slate	45	70	25	
Sand	70	150	80	
Slate	150	210	60	
Sand	210	280	70	
Coal	280	283	3	
Sand	283	395	112	
Slate	395	485	90	
Sand	485	565	80	
Slate	565	655	90	
Sand	655	745	90	
Slate	745	870	125	
Sand	870	895	25	
Slate	895	910	15	Gas at 1005
Slime	910	945	35	
Slate	945	955	10	Hole full of water at 1035
Salt sand	955	1595	640	
Slate	1595	1605	10	
Little Slime	1605	1645	40	
Black Carr	1645	1650	5	
Big Slime	1650	1860	210	
Big Slime	1860	1930	70	
Slate	1930	1990	60	
Squaw shells	1990	2080	90	

385' 10" hole.

517.5' (3' core in W.O.)

Gas at 1005  
Hole full of water at 1035

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Abandoned  
6/30/41

47-043-31055

RECORD of Well No. 5 on Maggie Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Sept 18 1913 Completed Nov 5 1913  
 Cost per foot, 1.15 Contractor Yawkey & Finneran Drilling Co. Address, Yawkey, W.V.  
 Drillers' Names Guy Louder & W. D. Rodgers

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1805</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1805</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/13</u>	<u>80 gr.</u>	<u>2<sup>nd</sup></u>	<u>shot</u>	<u>3/5/17</u>	<u>120 gr.</u>				

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		<u>14</u>	<u>14</u>	
Red Rock	<u>14</u>	<u>75</u>	<u>61</u>	
Slate	<u>75</u>	<u>135</u>	<u>60</u>	
Red Rock	<u>135</u>	<u>235</u>	<u>100</u>	
Sand	<u>235</u>	<u>300</u>	<u>65</u>	
Slate	<u>300</u>	<u>340</u>	<u>40</u>	
Sand	<u>340</u>	<u>400</u>	<u>60</u>	
Coal	<u>400</u>	<u>402</u>	<u>2</u>	
Sand	<u>402</u>	<u>502</u>	<u>100</u>	
Slate	<u>502</u>	<u>577</u>	<u>75</u>	
Sand	<u>577</u>	<u>637</u>	<u>60</u>	
Slate	<u>637</u>	<u>700</u>	<u>63</u>	<u>410' 10" hole</u>
Sand	<u>700</u>	<u>760</u>	<u>60</u>	
Slate	<u>760</u>	<u>840</u>	<u>80</u>	
Sand	<u>840</u>	<u>890</u>	<u>50</u>	
Slate	<u>890</u>	<u>1010</u>	<u>120</u>	
Sand	<u>1010</u>	<u>1040</u>	<u>30</u>	
Slate	<u>1040</u>	<u>1080</u>	<u>40</u>	<u>Hole full of water at 1150'</u>
Sand	<u>1080</u>	<u>1750</u>	<u>670</u>	
Slate	<u>1750</u>	<u>1760</u>	<u>10</u>	
Little Sige	<u>1760</u>	<u>1795</u>	<u>35</u>	
Coal bar	<u>1795</u>	<u>1800</u>	<u>5</u>	
Big Sige	<u>1800</u>	<u>1990</u>	<u>190</u>	
Big Sige	<u>1990</u>	<u>2060</u>	<u>70</u>	
Slate	<u>2060</u>	<u>2125</u>	<u>65</u>	
Square sand	<u>2125</u>	<u>2210</u>	<u>85</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30610

RECORD of Well No. 6 on Waggon Fowler Farm Acres  
Gulls Field, Duane District Lincoln County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Nov 13 1916 Completed Dec 18 1916  
 Cost per foot, 1.25 Contractor Rome Drilling Co. Address,  
 Drillers' Names F.W. English & H.W. Satterfield

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
12						1745				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
12						1745				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
2/21/16	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay		12	12	El=940.00
Sand	12	50	38	
Red Rock	50	75	25	Reduced hole from 10" to 8"
Sand	75	125	50	at 365
White Slate	125	175	50	
Sand	175	225	50	Gas at 1060'
Slate	225	250	25	
Sand	250	365	115	Hole full salt water
Slate	365	400	35	at 1100'
Sand	400	550	150	
Slate & Sand	550	1060	510	
Salt sand	1060	1700	640	
Black Lime	1700	1734	34	
Perigil lime	1734	1740	6	
White Lime	1740	1925	185	
Big Limestone	1925	1985	60	
Slate	1985	2100	115	
Shells	2100	2225	125	
Slate	2225	2350	125	
Slate & Shells	2350	2395	45	
Brown Shale	2395	2415	20	
ona Grit	2415	2435	20	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31056

RECORD of Well No. 7 on Maggie Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Recommended \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced July 27 1914 Completed Aug 23 1915  
 Cost per foot, 1.15 Contractor, Bone Drilling Co Address, Yaukey, W. Va.  
 Drillers' Names, J. H. Bennett & A. P. Brookover

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
<u>16</u>				<u>400</u>		<u>1840</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1840</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Press
<u>12/4/15</u>	<u>80 qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	Shot 5/10/16 - 170 gals. - Boreal.
Red Rock	16	26	10	
Sand	26	46	20	EI = 15 6.2
Slate	46	66	20	
Red Rock	66	106	40	
Sand	106	156	50	
Slate	156	196	40	
Sand	196	276	80	Little Gas & 1/2 barrel water an hr. at 600'
Black slate	276	296	20	
Sand	296	386	90	
Black slate	386	486	100	
Slate & shells	486	526	40	
Sand	526	600	74	Hole full salt water at 121.
lime shells	600	620	20	
Slate	620	700	80	
Sand	700	800	100	
White slate	800	880	80	
Sand & lime	880	955	75	
White slate	955	1030	85	
Black slate	1030	1130	100	
Salt sand	1130	1795	665	
Black lime	1795	1825	30	
Conc. Carr	1825	1830	5	
White lime	1830	2010	180	
Big layer sand	2010	2075	65	
Slate	2075	2155	80	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-70250

RECORD of Well No. 1 on Robert Fowler Farm Acres ✓  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Drilling Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced July 7 1910, Completed Aug 22 1910  
 Cost per foot, 1.15 Contractor, Grayson & Ferguson Oil & Gas Co. Address, Grayson, W. Va.  
 Drillers' Names, Amos Gould & G.H. Lovell

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3/8 Inch	4 1/2 Inch
<u>16</u>						<u>1815</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3/8 Inch	4 1/2 Inch
<u>16</u>						<u>1815</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Reels	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>8/23/10</u>	<u>90 gr.</u>	<u>2 1/2 gal</u>	<u>1 1/2 in</u>	<u>140 gr</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		16	16	
Red Brock	16	56	40	
Sand	56	106	50	
Slati	106	196	90	
sand	196	256	60	
Slati	256	356	100	
Sand	356	416	60	
coal	416	420	4	4-25' 10" hole
Slati & sand	420	1080	660	
Slati	1080	1120	40	
Sgt. sand	1120	1720	600	hole full of water at 1200
Slati	1720	1740	20	
Water sand	1740	1755	15	
Slati	1755	1760	5	
with lime	1760	1802	42	
Pencil Carr	1802	1805	3	
Big Lime	1805	1990	185	
Big Lime	1990	2065	75	
Slati	2065	2125	60	
Lime shells	2125	2285	160	
Slati	2285	2459	174	
Iron shale	2459	2479	20	
Bona. sand	2479	2500	21	
6 5/8"				
bonquet	1815			
" pull	1815			

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

ABANDONED

JUN 29 1928

ABANDONED

47.043-70251

RECORD of Well No. 2 on Robert Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Jan 26 1911, Completed Mar 15 1911  
 Cost per foot, 1.12 Contractor, Yankey & Thomas Drill Co. Address, Yankey, W.V.  
 Drillers' Names, G. A. Lovell & J. P. Murphy

CONDUCTOR AND CASING USED IN DRILLING.

ductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3/16 Inch	4 3/4 Inch
14				415'		1810		1876'3"		

CONDUCTOR AND CASING LEFT IN WELL.

ductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3/16 Inch	4 3/4 Inch
14						1390 1810				

OIL WELL

GAS WELL

n Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/5/11	90 qt.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil + clay		14	14	EI = 1000 33 - ground RECEIVED Office of Oil and Gas JUN 01 2015 WV Department of Environmental Protection  Gas at 1115'  Hole full of water at 1185'  ABANDONED NOV 28 1928
Red Rock	14	54	40	
Slate	54	74	20	
Red Rock	74	134	60	
sand	134	184	50	
Slate	184	274	90	
Sand	274	354	80	
Slate	354	410	56	
coal	410	413	3	
Slate	413	473	60	
Sand	473	535	82	
coal	535	558	3	
Slate + sand	558	1090	532	
Salt sand	1090	1740	650	
Slate	1740	1755	15	
Little Lime	1755	1795	40	
Pencil Carr	1795	1800	5	
Big Lime	1800	1950	150	
Big Limestone	1950	2060	110	
Slate	2060	2120	60	
Sandy sand	2120	2180	60	
Slate	2180	2458	278	
Brown shale	2458	2478	20	
Bone Lime	2478	2499	21	

RECORD of Well No. 3 on Robert Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced March 25 1911, Completed May 11 1911

Cost per foot, 1.15 Contractor, Yankey & Fryman Drill Co. Address, Yankey, W.V.  
 Drillers' Names, J. B. Walsh & G. A. Lovell

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/8 Inch	5 1/2 Inch	4 1/2 Inch
14						1825				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/8 Inch	5 1/2 Inch	4 1/2 Inch
14						1825				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/12/11	900T	2.25 Shot	3 1/2	1209T					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		14	14	EI = 1023.88  465' of 10" hole  hole full of water at 1200
Sand	14	34	20	
Red Brock	34	94	60	
Slati	94	134	40	
Sand	134	184	50	
Slati	184	254	70	
Sand	254	294	40	
Slati	294	384	90	
Sand	384	430	46	
Coal	430	433	3	
Slati	433	513	80	
Sand	513	600	87	
Coal	600	602	2	
Sand & Slati	602	1080	478	
Slati	1080	1120	40	
Salt Sand	1120	1710	590	
Slati	1710	1725	15	
Red Brock	1725	1740	15	
Black Lime	1740	1755	15	
Slati	1755	1765	10	
Little Lime	1765	1805	40	
Concil Layer	1805	1810	5	
Big Lime	1810	1990	180	
Big Lime	1990	2060	70	
Slati	2060	2120	60	
Lime shell	2120	2290	170	

RECEIVED  
Office of Oil and Gas  
JUN 01 1923

WV Department of  
Environmental Protection

RECORDED

JUN 15 1923

47.043-31035

Record of Well No. 4 on Bobt Fowler Farm Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced May 18 1911 Completed July 7 1911  
 Cost per foot, 1.15 Contractor Yarby & Mann Drills Address Yarby, WV  
 Drillers' Names, D.M. Progen & G.S. Lowe

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
16						1805'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
16						1805'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/8/11	90 gr	2.45	3 1/2" 5/16"	150 gr					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		16	16	
Sand	16	36	20	
Red Rock	36	96	60	
Slate	96	136	40	
Sand	136	186	50	
Slate	186	276	90	
Sand	276	336	60	
Slate	336	405	69	
Coal	405	410	5	410' of 10" hole
1" to 2" Sand	410	585	175	
Coal	585	587	2	
Slate & sand	587	1130	543	
Salt sand	1130	1710	580	
Slate	1710	1730	20	
Red Rock	1730	1740	10	
Slate	1740	1760	20	Hole full of water at 1185'
Spotted Lime	1760	1795	30	
Pencil Cave	1795	1798	3	
Big Lime	1798	1973	175	
Big Limestone	1973	2053	80	
Slate	2053	2123	70	
Squaw	2123	2213	90	
Slate	2213	2468	255	
Brown Shale	2468	2488	20	
Bona Sand	2488	2508	20	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02234

RECORD of Well No. 5 on Robert Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed July 31 1912  
 Cost per foot, 1.15 Contractor, Yonkey & Furman Drilling Co. Address, Yonkey, W.V.  
 Drillers' Names E.H. Stalwagen & J.H. Lovell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16-Inch	4 3/4 Inch
<u>16</u>				<u>350</u>		<u>1600</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1600</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>8/1/12</u>	<u>80 qt</u>	<u>2.00</u>	<u>3 3/4</u>	<u>150 qt</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		<u>16</u>	<u>16</u>	
Slati	<u>16</u>	<u>100</u>	<u>84</u>	
Sand	<u>100</u>	<u>125</u>	<u>25</u>	
Slati	<u>125</u>	<u>200</u>	<u>75</u>	
Coal	<u>200</u>	<u>204</u>	<u>4</u>	
Slati	<u>204</u>	<u>344</u>	<u>140</u>	
Sand	<u>344</u>	<u>494</u>	<u>150</u>	
Slati & shells	<u>494</u>	<u>594</u>	<u>100</u>	
Sand	<u>594</u>	<u>650</u>	<u>56</u>	
Slati & shells	<u>650</u>	<u>880</u>	<u>230</u>	
Salt sand	<u>880</u>	<u>1530</u>	<u>670</u>	Hole full of water at 980
Slati	<u>1530</u>	<u>1560</u>	<u>10</u>	
Little lime	<u>1560</u>	<u>1590</u>	<u>30</u>	
Small lime	<u>1590</u>	<u>1595</u>	<u>5</u>	
Big lime	<u>1595</u>	<u>1755</u>	<u>160</u>	
Big lime	<u>1755</u>	<u>1830</u>	<u>75</u>	
Slati	<u>1830</u>	<u>1890</u>	<u>60</u>	
lime shells	<u>1890</u>	<u>1990</u>	<u>100</u>	
Slati	<u>1990</u>	<u>2256</u>	<u>266</u>	
Brown slati	<u>2256</u>	<u>2276</u>	<u>20</u>	
Bona sand	<u>2276</u>	<u>2295</u>	<u>19</u>	

EL-808.26

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31044

RECORD of Well No. 6 on Robt Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov 13 1912, Completed Jan 6 1913  
 Cost per foot, 1.15 Contractor, Jantzen & Ferguson Address, Manly, W. Va.  
 Drillers' Names Ed. McQuinn & W.D. Rodgers

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
13						1815'				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
13						1815'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/9/13	8048								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		13	13	Shot 8-19-29-50gts Burma open flow 1003.24 EI = _____
Red rock	13	53	40	
slate & shells	53	223	170	
sand	223	354	160	
slate	354	410	26	
lime	410	414	4	
sand	414	494	80	440' of 10" hole
slate	494	619	125	
sand	619	829	210	
lime	829	899	70	
sand	899	1009	110	
slate	1009	1100	91	Hole full of water at 1168'
salt sand	1100	1760	660	
little lime	1760	1800	40	
concl. base	1800	1805	5	
big lime	1805	1985	180	
big lime	1985	2055	70	
slate	2055	2135	80	
lime shells	2135	2275	140	
slate	2275	2455	180	
brown shale	2455	2473	18	
orange sand	2473	2493	20	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-843-31046

RECORD of Well No. 7 on Bob J. Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Aug 11 1913, Completed Oct 16 1913  
 Cost per foot, 1.15 Contractor, Yankey & Furman Duffin Address, Yankey, W.V.  
 Drillers' Names W.E. Williams & John Louden

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16-Inch	4 1/2 Inch
<u>15</u>						<u>1810</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>15</u>						<u>1810</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>10/20/13</u>	<u>8047</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		<u>15</u>	<u>15</u>	
Red Rock	<u>15</u>	<u>165</u>	<u>150</u>	
Sand	<u>165</u>	<u>190</u>	<u>25</u>	
Shale	<u>190</u>	<u>230</u>	<u>40</u>	
Sand	<u>230</u>	<u>300</u>	<u>70</u>	
Shale	<u>300</u>	<u>390</u>	<u>90</u>	
Sand	<u>390</u>	<u>420</u>	<u>30</u>	
Coal	<u>420</u>	<u>425</u>	<u>5</u>	<u>425' 10" hole</u>
Sand	<u>425</u>	<u>535</u>	<u>130</u>	
Shale	<u>535</u>	<u>670</u>	<u>115</u>	
Sand	<u>670</u>	<u>760</u>	<u>90</u>	
Shale	<u>760</u>	<u>880</u>	<u>120</u>	
Sand	<u>880</u>	<u>960</u>	<u>80</u>	
Shale	<u>960</u>	<u>1100</u>	<u>140</u>	<u>Hole full of water at 1200'</u>
Salt sand	<u>1100</u>	<u>1745</u>	<u>645</u>	
Shale	<u>1745</u>	<u>1760</u>	<u>15</u>	
Little blue	<u>1760</u>	<u>1795</u>	<u>35</u>	
Pencil Cove	<u>1795</u>	<u>1800</u>	<u>5</u>	
Big blue	<u>1800</u>	<u>1980</u>	<u>180</u>	
Big blue	<u>1980</u>	<u>2060</u>	<u>80</u>	
Shale	<u>2060</u>	<u>2140</u>	<u>80</u>	
lime shells	<u>2140</u>	<u>2260</u>	<u>120</u>	
Shale	<u>2260</u>	<u>2453</u>	<u>193</u>	
Brown shale	<u>2453</u>	<u>2473</u>	<u>20</u>	
Bona sand	<u>2473</u>	<u>2494</u>	<u>21</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31045

Well No. 8 **Robt Lowley** Farm Acres  
 Lease No. **Survah** District **Lincoln** County **WV** State  
**M.H. Jackson** Contractor **SOUTH PENN DRILLING TOOLS CO.** Contractor  
 Drilling Commenced **Nov 14** 1917 Drilling Completed **Dec 23** 1917  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Conductor		16		
Sand	16	150		
Slate	150	270		
Coal	270	274		
Slate	274	340		
Sand	340	475		
Slate	475	515		
Coal	515	578		
Slate	578	525		
Sand	525	635		
Slate	635	695		
Sand	695	730		
Slate	730	835		
Sand	835	865		
Slate	865	980		
Salt Sand	980	1560		
Water hole full	1030			
Slate	1560	1580		
Marion Sand	1580	1600		
Slate	1600	1615		
Little Linn	1615	1645		
Linn Cove	1645	1650		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand.	Result	Packer Size	Depth Set
SIZE	FEET	IN.	FEET	IN.	FEET						

12/24/17-80 gto

Production First 24 Hours..... Bbls. Gas Test.....

Approved by..... Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31045

Well No. 8 *Robt Fowler emp* Farm Acres  
 Lease No. District County State  
 Contractor Contractor  
 Drilling Commenced 191 Drilling Completed 191  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
<i>Big Lurie</i>	<i>1650</i>	<i>1830</i>	<i>1657</i>	
<i>"Lurie</i>	<i>1830</i>	<i>1895</i>		
<i>Lurie shells</i>	<i>1895</i>	<i>2050</i>		
<i>slate</i>	<i>2050</i>	<i>2311</i>		
<i>Brown shale</i>	<i>2311</i>	<i>2334</i>		
<i>Berea sand</i>	<i>2334</i>	<i>2353</i>	<i>2334</i>	
<i>oil</i>	<i>2336</i>	<i>2353</i>		
<i>Total depth</i>		<i>2353</i>	<i>2353</i>	

*EI = 264.*

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date <i>12-27-17</i>	Amount <i>80 lbs</i>	Sand <i>Berea</i>	Result	Packer Size	Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.						
<i>8 1/4</i>	<i>432</i>		<i>432</i>									
<i>6 3/8</i>	<i>1070</i>											

Production First 24 Hours *5* Bbls. Gas Test  
 Approved by *a vt aushutz* Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 9 on Robt Fowler Farm Acres \_\_\_\_\_  
 Field, Dual District Lincoln County WV  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Apr 28 1917, Completed May 31<sup>st</sup> 1917  
 Cost per foot, 1.25 Contractor, \_\_\_\_\_ Address, \_\_\_\_\_  
 Drillers' Names J. H. Hanes and A. A. Delong

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 5/8 Inch	6 1/4 Inch	5 5/8 Inch	5 3-16-Inch	4 3/8 Inch
<u>16</u>						<u>1655</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 5/8 Inch	6 1/4 Inch	5 5/8 Inch	5 3-16 Inch	4 3/8 Inch
<u>16</u>						<u>1655</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>6/4/17</u>	<u>8098</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sub soil		<u>16</u>	<u>16</u>	<u>EI=847.94</u>
Slate	<u>16</u>	<u>50</u>	<u>34</u>	
Sand	<u>50</u>	<u>150</u>	<u>100</u>	
Slate	<u>150</u>	<u>300</u>	<u>150</u>	
Coal	<u>300</u>	<u>305</u>	<u>5</u>	
Sand	<u>305</u>	<u>325</u>	<u>20</u>	
Slate	<u>325</u>	<u>350</u>	<u>25</u>	<u>Reduced 10" hole 350'</u>
Sand	<u>350</u>	<u>425</u>	<u>75</u>	
Slate & Shells	<u>425</u>	<u>780</u>	<u>355</u>	
Sand	<u>780</u>	<u>810</u>	<u>30</u>	
Slate	<u>810</u>	<u>980</u>	<u>170</u>	
Salt Sand	<u>980</u>	<u>1620</u>	<u>640</u>	<u>Hole full water 1015'</u>
Little Limestone	<u>1620</u>	<u>1645</u>	<u>25</u>	
Pencil Cove	<u>1645</u>	<u>1650</u>	<u>5</u>	
Big Limestone	<u>1650</u>	<u>1840</u>	<u>190</u>	
Iron Sand	<u>1840</u>	<u>1905</u>	<u>65</u>	
Slates & Shells	<u>1905</u>	<u>2065</u>	<u>160</u>	
Slate	<u>2065</u>	<u>2300</u>	<u>235</u>	
Brown Shale	<u>2300</u>	<u>2319</u>	<u>19</u>	
Bona sand	<u>2319</u>	<u>2340</u>	<u>21</u>	

ABANDONED

MAY 27 1922

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30467

Record of Well No. 1 on Tom Fowler Farm Acres \_\_\_\_\_

Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Drilling Commenced Feb 12<sup>th</sup> 1909 Completed March 23<sup>rd</sup> 1909 ✓  
 Cost per foot, 1.15 Contractor, Yaukey & Munson Drilling Co. Address, Yaukey, W. Va.  
 Drillers' Names, J. S. Wagner and S. R. Fuller

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1/8 Inch	4 1/2 Inch
<u>12 1/2</u>						<u>1885</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1/8 Inch	4 1/2 Inch

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>3/24</u>	<u>90%</u>	<u>2 1/2</u>	<u>4 1/2</u>	<u>210</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
-----------	-----	--------	-----------	---------

<u>Soil &amp; clay</u>		<u>13</u>	<u>13</u>	<u>EI=</u> <u>Hole full of water at 1270</u>
<u>Sand</u>	<u>13</u>	<u>33</u>	<u>20</u>	
<u>Shale &amp; Shell</u>	<u>33</u>	<u>418</u>	<u>385</u>	
<u>Sand</u>	<u>418</u>	<u>518</u>	<u>100</u>	
<u>Shale</u>	<u>518</u>	<u>643</u>	<u>125</u>	
<u>Sand &amp; Shale</u>	<u>643</u>	<u>1195</u>	<u>552</u>	
<u>Shale</u>	<u>1195</u>	<u>1235</u>	<u>40</u>	
<u>Salt Sand</u>	<u>1235</u>	<u>1830</u>	<u>595</u>	
<u>Little Sand</u>	<u>1830</u>	<u>1870</u>	<u>40</u>	
<u>Pinch Layer</u>	<u>1870</u>	<u>1875</u>	<u>5</u>	
<u>Big Sand</u>	<u>1875</u>	<u>2060</u>	<u>185</u>	
<u>Thin Sand</u>	<u>2060</u>	<u>2120</u>	<u>60</u>	
<u>Shale</u>	<u>2120</u>	<u>2190</u>	<u>70</u>	
<u>Thin Shell</u>	<u>2190</u>	<u>2290</u>	<u>100</u>	
<u>Shale</u>	<u>2290</u>	<u>2524</u>	<u>234</u>	
<u>Brown Shale</u>	<u>2524</u>	<u>2544</u>	<u>20</u>	
<u>Brown Sand</u>	<u>2544</u>	<u>2568</u>	<u>24</u>	
<u>Shale</u>	<u>2568</u>	<u>2571</u>	<u>3</u>	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015

WV Department of  
Environmental Protection

47-043-30953

RECORD of Well No. 2 on Thos Fowler Farm Acres 1/2  
Wells Field, Duval District Seville County, ✓  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced March 22<sup>nd</sup> 1909, Completed May 17<sup>th</sup> 1909  
 Cost per foot, 1<sup>15</sup> Contractor, Miller Bros Address, Yonkers, N.Y.  
 Drillers' Names, Ed. Biggs and Jacob Balabuder

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/8 Inch	5 1/2 - 10 Inch	4 1/2 Inch
<u>16 ft</u>						<u>1828</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/8 Inch	5 1/2 - 10 Inch	4 1/2 Inch
<u>16 ft</u>						<u>1828</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>5/19/09</u>	<u>9 1/2"</u>	<u>2 1/2 m</u>	<u>9 1/2"</u>	<u>140 g</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		14	14	Etch 65
Red Wash	14	39	25	
Shale	39	85	46	
Sand	85	93	8	
Red Wash	93	195	102	
Sand	195	235	40	
Shale & Shell	235	460	225	about 3/4 of coal 445 ft.
Sand	460	600	140	
Shale	600	650	50	
Sand	650	740	90	
Shale	740	800	60	
Sand	800	825	25	
Shale	825	1100	275	
Sand	1100	1110	10	
Sand	1110	1120	10	
Shale	1120	1125	5	
Top Sand & Sand	1125	1750	625	Solidified with water at 1205 ft.
Shale	1750	1780	30	
Black Sand	1780	1810	30	
Peacok	1810	1815	5	
Big Sand	1815	2010	195	
Sand	2010	2050	40	
Small Shell & Shale	2050	2250	200	
White Shale	2250	2486	236	
Brown Shale	2486	2505	19	+
Brown Sand	2504	2525	21	+

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30954

RECORD of Well No. 3 on Tom Fowler Farm Acres Griffiths  
 Field Dual District Lincoln County ✓  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced April 26<sup>th</sup> 1909 Completed June 9<sup>th</sup> 1909  
 Cost per foot, 1.15 Contractor, Weller Bros Address, Yankey, W. Va.  
 Drillers' Names, Sam Sylbrant and Jas Dougan

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
13'			210			1775'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
13'						1775'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
6/10/09	8" x 1"	2 <sup>nd</sup> Shot	1 1/2" x 11"	110 gr.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface	-	13	13	ET-553 55
Red Rock	13	33	20	
Slate	33	43	10	Hole filled with water
Sand	43	63	20	at 1165 ft
Slate	63	123	60	
Slate Shells	123	160	37	
Red Rock	160	180	20	
Sand	180	210	30	Well drilled through sand
Slate	210	260	50	by Sam Sylbrant
Sand	260	300	40	June 9 <sup>th</sup> 09
Slate	300	320	20	Shot June 10 <sup>th</sup> by Sylbrant
Sand	320	480	160	under direction of
Slate	480	500	20	60
Sand	500	530	30	
Slate	530	600	70	
Sand	600	730	130	
Black Shale	730	780	50	
Sand	780	830	50	
Slate	830	860	30	
Thin. S. cks	860	900	40	
Shale	900	1000	100	
same	1000	1080	80	
Salt Sand	1080	1730	650	
Black same	1730	1765	35	
Conc. Carr	1765	1770	5	
Red Lime	1770	1850	80	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-70049

RECORD of Well No. 4 on Tom Fowler Farm Acres Eight  
will Field, Dual District Lincoln County, ✓

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 11<sup>th</sup> 1909, Completed July 27<sup>th</sup> 1909  
 Cost per foot, 1<sup>15</sup> Contractor, Winters Bros Address, Yankee, W.V.  
 Drillers' Names, Sam Subram & Jas Dobbins

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1-10 Inch	4 1/2 Inch
16'						1720				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1-10 Inch	4 1/2 Inch
16'						1720				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/28/09</u>	<u>90 yd.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Aluminum</u>		<u>16</u>	<u>16</u>	<u>Runnel from 10" to 8"</u>
<u>Shale &amp; Sand</u>	<u>16</u>	<u>90</u>	<u>74</u>	<u>hole at 215' deep</u>
<u>Shale</u>	<u>90</u>	<u>125</u>	<u>35</u>	<u>a little water at 255'</u>
<u>Sand</u>	<u>125</u>	<u>165</u>	<u>40</u>	
<u>Shale</u>	<u>165</u>	<u>200</u>	<u>35</u>	<u>enough water to drill</u>
<u>Sand</u>	<u>200</u>	<u>260</u>	<u>60</u>	<u>with it 450' 4 barrels</u>
<u>Red Rock</u>	<u>260</u>	<u>290</u>	<u>30</u>	<u>per hour at 530'</u>
<u>Sand</u>	<u>290</u>	<u>350</u>	<u>60</u>	
<u>Coal</u>	<u>350</u>	<u>355</u>	<u>5</u>	<u>Shut down for 5" stem</u>
<u>Sand</u>	<u>355</u>	<u>380</u>	<u>25</u>	<u>from 630 P.M. 7/17 to 3 P.M.</u>
<u>Sand</u>	<u>380</u>	<u>440</u>	<u>60</u>	<u>7/18</u>
<u>Shale</u>	<u>440</u>	<u>460</u>	<u>20</u>	
<u>Sand</u>	<u>460</u>	<u>540</u>	<u>80</u>	<u>water in salt sand</u>
<u>Shale</u>	<u>540</u>	<u>570</u>	<u>30</u>	<u>1070' hole filled up</u>
<u>Sand</u>	<u>570</u>	<u>670</u>	<u>100</u>	<u>at 1120'</u>
<u>Shale</u>	<u>670</u>	<u>680</u>	<u>10</u>	<u>4' coal at 1450'</u>
<u>Sand</u>	<u>680</u>	<u>690</u>	<u>10</u>	
<u>Shale</u>	<u>690</u>	<u>710</u>	<u>20</u>	
<u>Sand</u>	<u>710</u>	<u>760</u>	<u>50</u>	
<u>Shale</u>	<u>760</u>	<u>820</u>	<u>60</u>	
<u>Sand</u>	<u>820</u>	<u>1000</u>	<u>180</u>	
<u>Shale</u>	<u>1000</u>	<u>1055</u>	<u>55</u>	
<u>Salt Sand</u>	<u>1055</u>	<u>1635</u>	<u>580</u>	
<u>Shale</u>	<u>1635</u>	<u>1675</u>	<u>40</u>	
<u>Black Lignite</u>	<u>1675</u>	<u>1710</u>	<u>35</u>	
<u>Peuce Lignite</u>	<u>1710</u>	<u>1715</u>	<u>5</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

ABANDONED  
 JUN 15 1928

47-043-30465

Record of Well No. 5 on Thos Fowler Farm Acres ✓  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Oct 9 1909, Completed to top of salt sand 126/09  
 Cost per foot, 1.10 Contractor, Miller Bros Address, Yonkers  
 Drillers' Names, Gas Walsh and Gas Vandell

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1-10 inch	4 1/2 inch
<u>21</u>										

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1-10 inch	4 1/2 inch

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>4/21/10</u>	<u>90 gr.</u>	<u>2.00</u>	<u>Shot 4 1/2 in.</u>	<u>240 gr.</u>	<u>8"</u>				

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		21	21	
Red Rock	21	81	60	
Slate & Shell	81	200	119	
Sand	200	340	140	
Slate	340	380	40	Reduced 10" hole 350'
Sand	380	395	15	
Coal	395	403	8	
Sand	403	650	247	
Slate & Shells	650	750	100	
gray lime	750	800	50	
Slate & Shells	800	940	140	
Slate	940	1000	60	
lime	1000	1050	50	shut down Oct 20 - noon
Slate	1050	1075	25	started up " 21 - "
lime	1075	1090	15	
Slate	1090	1105	15	
Salt Sand	1105			got gas in top of salt sand
Hole started at		1136	3/16/10	Oct 26 decided to tub
Top Salt Sand	1105	1760	655	well to save gas per foot
Black Lime	1760	1795	35	Oct 27
Pencil Lwr	1795	1797	2	total depth at present 1136'
Big Lime	1797	1975	178	
Thin Sand	1975	2045	70	Hole filled up from
Bona Shale	2045	2447	402	Salt Sand 1180 ft.
Thin Shale	2447	2470	23	
Bona Sand	2470	2492	22	
Pyrite	2492	2495	3	
Completed				4/20/1910

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02235

RECORD of Well No. 6 on Thos Fowler Farm          Acres  
 Field,          District          County,          ✓

Rig Commenced          19          Completed          19           
 Drilling Commenced April 27 1910 Completed June 16 1910  
 Cost per foot, 1.15 Contractor, Yurkey & Freeman Dril. Co. Address, Yurkey, W.V.  
 Drillers' Names, Amos Gold and G.H. Lovell

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1/8 Inch	4 1/2 Inch
16						1785				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1/8 Inch	4 1/2 Inch
16						1785				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
4/26/10	90 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Silt and clay		16	16	
Big Rock	16	76	60	
Sand	76	96	20	
Slate	96	136	40	
Sand	136	140	4	
Slate	140	160	20	
Sand	160	360	200	
Sand	360	410	50	420' of 10" hole
Sand	410	415	5	
Slate and sand	415	1090	675	
Slate	1090	1130	40	
Silt Sand	1130	1690	560	hole full of salt water at 1180
Slate	1690	1710	20	
Sand	1710	1730	20	
Slate	1730	1740	10	
Silt Sand	1740	1775	35	
Small Layer	1775	1780	5	
Big Sand	1780	1960	180	
Slate Red	1960	1975	15	
Big Sand	1975	2040	65	
Slate	2040	2100	60	
Sand Shale	2100	2260	160	
Slate	2260	2453	193	
Common Shale	2453	2473	20	
Blue sand	2473	2493	20	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 7 on Thomas Fowler Farm Acres \_\_\_\_\_

Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced July 19 1911 Completed Aug 29 1911

Cost per foot, 1.15 Contractor, Maukey & Truman Dril. Address, Yankee, W.V.

Drillers' Names, D. M. Padgett & G. H. Lovell

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2-10 inch	4 1/2 inch
<u>14</u>						<u>1715</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2-10 inch	4 1/2 inch
<u>14</u>						<u>none</u> <u>1715</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>8/31/11</u>	<u>90 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil &amp; clay</u>		<u>14</u>	<u>14</u>	<u>Cased 15' in Big Line</u>
<u>Slati</u>	<u>14</u>	<u>54</u>	<u>40</u>	
<u>Sand</u>	<u>54</u>	<u>74</u>	<u>20</u>	<u>EI = 917.56</u>
<u>Slati</u>	<u>74</u>	<u>154</u>	<u>80</u>	
<u>Sand</u>	<u>154</u>	<u>214</u>	<u>60</u>	<u>410' of 10" hole</u>
<u>Slati</u>	<u>214</u>	<u>324</u>	<u>110</u>	
<u>Sand</u>	<u>324</u>	<u>400</u>	<u>76</u>	<u>hole full of water at 1120'</u>
<u>Coal</u>	<u>400</u>	<u>404</u>	<u>4</u>	
<u>Slati</u>	<u>404</u>	<u>424</u>	<u>20</u>	
<u>Sand &amp; Slati</u>	<u>424</u>	<u>1040</u>	<u>616</u>	
<u>Slati</u>	<u>1040</u>	<u>1080</u>	<u>40</u>	
<u>Salt Sand</u>	<u>1080</u>	<u>1620</u>	<u>540</u>	
<u>Slati</u>	<u>1620</u>	<u>1640</u>	<u>20</u>	
<u>Red Brock</u>	<u>1640</u>	<u>1650</u>	<u>10</u>	
<u>Slati</u>	<u>1650</u>	<u>1660</u>	<u>10</u>	
<u>Little Lime</u>	<u>1660</u>	<u>1695</u>	<u>35</u>	
<u>Pencil Cove</u>	<u>1695</u>	<u>1700</u>	<u>5</u>	
<u>Big Lime</u>	<u>1700</u>	<u>1890</u>	<u>190</u>	
<u>Big Lymur</u>	<u>1890</u>	<u>1960</u>	<u>70</u>	
<u>Slati</u>	<u>1960</u>	<u>2020</u>	<u>60</u>	
<u>Lime Shells</u>	<u>2020</u>	<u>2140</u>	<u>120</u>	
<u>Slati</u>	<u>2140</u>	<u>2369</u>	<u>229</u>	
<u>own shale</u>	<u>2369</u>	<u>2389</u>	<u>20</u>	
<u>Bona Sand</u>	<u>2389</u>	<u>2409</u>	<u>20</u>	

ABANDONED

MAY 12 1929

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 8 on John Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov 2 1911, Completed Dec 14 1911  
 Cost per foot, 1.15 Contractor, Yarway & Furman Drilling Co. Address, Yarway, W. Va.  
 Drillers' Names D.M. Rodgers & G.S. Lovell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
15						1680				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
15						1680				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
12/15/11	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		15	15	Lined 11' in Big Linn EI=878.14-ground
Sand	15	35	20	
Slate & Shells	35	160	125	
Sand	160	220	60	
Slate	220	280	60	
Sand	280	300	20	
Coal	300	305	5	360' 10" hole
Slate	305	335	30	
Sand	335	355	20	
Coal	355	358	3	
Sand	358	398	40	
Slate & sand	398	950	552	
Slate	950	990	40	
Soft sand	990	1585	595	Hole full of water at 1070
Slate	1585	1595	10	
Black Linn	1595	1620	25	
Slate	1620	1630	10	
Little Linn	1630	1665	35	
Pencil Cove	1665	1669	4	
Big Linn	1669	1849	180	
Big Linn	1849	1919	70	
Slate	1919	1989	70	
Linn shells	1989	2139	150	
Slate	2139	2332	193	
Brown shale	2332	2352	20	
Berra sand	2352	2373	21	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015

WV Department of  
Environmental Protection

ABANDONED  
JUL 3 1923

RECORD of Well No. 9 on Wm Fowler Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Feb 21 1912, Completed Mar 28 1912.  
 Cost per foot, 1.15 Contractor, Yawkey & Johnson Drillers' Names Stillwagon & Howell  
 Address, Yawkey, W.V.

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
		<u>9</u>								

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>3/20/12</u>	<u>80 qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Spil</u>		<u>9</u>		<u>E1=829.68</u>
<u>Lime</u>	<u>9</u>	<u>19</u>	<u>10</u>	
<u>Slati</u>	<u>19</u>	<u>79</u>	<u>60</u>	<u>380' 10" Hole.</u>
<u>Lime</u>	<u>79</u>	<u>99</u>	<u>20</u>	
<u>Slati</u>	<u>99</u>	<u>199</u>	<u>100</u>	
<u>Lime</u>	<u>199</u>	<u>225</u>	<u>26</u>	<u>Big water 1020'</u>
<u>Slati</u>	<u>225</u>	<u>300</u>	<u>75</u>	
<u>Sand</u>	<u>300</u>	<u>315</u>	<u>15</u>	
<u>Slati</u>	<u>315</u>	<u>350</u>	<u>35</u>	<u>Shot 11/6/10 - 90 gals - Berea.</u>
<u>Sand</u>	<u>350</u>	<u>377</u>	<u>27</u>	
<u>Coal</u>	<u>377</u>	<u>380</u>	<u>3</u>	
<u>Lime</u>	<u>380</u>	<u>390</u>	<u>10</u>	
<u>Slati</u>	<u>390</u>	<u>490</u>	<u>100</u>	
<u>Sand</u>	<u>490</u>	<u>565</u>	<u>75</u>	
<u>Slati</u>	<u>565</u>	<u>715</u>	<u>150</u>	
<u>Sand</u>	<u>715</u>	<u>800</u>	<u>85</u>	
<u>Slati</u>	<u>800</u>	<u>850</u>	<u>50</u>	
<u>Sand</u>	<u>850</u>	<u>895</u>	<u>45</u>	
<u>Slati</u>	<u>895</u>	<u>950</u>	<u>55</u>	
<u>Salt sand</u>	<u>950</u>	<u>1570</u>	<u>570</u>	
<u>Brak</u>	<u>1570</u>	<u>1565</u>	<u>45</u>	
<u>Little Lime</u>	<u>1565</u>	<u>1600</u>	<u>35</u>	
<u>Pencil bar</u>	<u>1600</u>	<u>1605</u>	<u>5</u>	
<u>Big Lime</u>	<u>1605</u>	<u>1790</u>	<u>185</u>	
<u>Big Lyma</u>	<u>1790</u>	<u>1865</u>	<u>75</u>	
<u>Slati</u>	<u>1865</u>	<u>1915</u>	<u>50</u>	

**ABANDONED**

**APR 29 1922**

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02236

RECORD of Well No. 10 on Van Fowler Farm Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced June 5 1913 Completed July 19 19 \_\_\_\_\_  
 Cost per foot, 1.15 Contractor Hausby & Funderburk Address Hausby & Funderburk  
 Drillers' Names W.E. Williams & T.S. Smith

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4
9				400		1750				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4
9						1750				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rod
4/31/13	80 gr.	2.00	Shot	9 1/2 in					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		9	9	EI = 959.64
Slate	9	120	111	
Sand	120	200	80	
Slate	200	225	25	
Sand	225	275	50	
Slate	275	300	25	
Sand	300	375	75	
Coal	375	380	5	
Slate	380	475	95	
Sand	475	500	25	
Slate	500	525	25	
Sand	525	560	35	
Slate	560	800	240	
Sand	800	890	90	
Slate	890	1060	170	Hole full of water 1130
Soft sand	1060	1700	640	
Little lime	1700	1735	35	
Pinch layer	1735	1740	5	
Big lime	1740	1920	180	
Big silt	1920	1990	70	
Slate	1990	2080	90	
Large shells	2080	2180	100	
Slate	2180	2410	230	
Brown shale	2410	2430	20	
Bona sand	2430	2450	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30474

RECORD of Well No. 41 on Thos. Fowler Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced March 12 1917 Completed April 17 1917  
 Cost per foot, 1.25 Contractor, Bone Drilling Co Address, Spaugh, W. Va.  
 Drillers' Names J. H. Vance and A. D. Delong

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
12						1685				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
12						1685				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
4/20/17	80qt								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		12	12	EI=887
Slate	12	28	16	
Sand	28	35	7	
Slate	35	60	25	
Sand	60	100	40	Reduced hole from 10 to 8"
Slate	100	175	75	at 350'
Sand	175	288	113	
Slate	288	300	12	
Coal	300	305	5	
Slate	305	350	45	
Sand	350	410	60	
Slate	410	425	15	
Sand	425	510	85	Hole full salt water 1015'
Slate	510	610	100	
Sand	610	650	40	
Slate	650	790	140	
Sand	790	840	50	
Slate	840	880	40	
Sand	880	955	75	
Slate	955	975	20	
Salt Sand	975	1645	670	
Little Lime	1645	1680	35	
Pencil Core	1680	1685	5	
Big Lime	1685	1865	180	
Big Lym	1865	1930	65	
Slate	1930	2010	80	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-02237

Production } Barea Sand Bbls. Approved.  
 First 24 Hours fr } Sand Bbls. By Supt

**H.M. Good** Farm, No. of Lease No. Acre  
 Duval District Lincoln County West Virginia State

Well No. **One** Date of Location 19  
 Rig Commenced 19 }  
 Rig Completed 19 } Contractor  
 Drilling Commenced November 15th, 19 09 }  
 Drilling Completed January 4th, 19 10 } Chamberlin & Company. Contractor

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Foot	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
10	18		18		18				18					
8 1/4	253		253		253		253							
3-5/8	1890		1890		1890				1890					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot	
Clay		18									
Red Rock	18	40		1	5	10	110				
Red Rock & Lime	40	320		5	27	11	80				
White Sand	320	900		+ on shot record							
Lime & Slate	900	1202									
White Lime	1202	1235									
Brown Shale	1235	1275									
Salt Sand	1275	1825									
Black Slate	1825	1830									
Little Lime	1830	1870									
Black Slate & Lime	1870	1885									
Big Lime	1885	2058									
Red Rock	2058	2097									
Sand & Slate	2097	2556									
Berea Sand	2556	2576									
Slate	2576	2580									

REMARKS:

RECEIVED  
 Office of Oil and Gas  
 01 2015  
 WV Department of Environmental Protection

REMARKS: E1 = 1067 99

47.043-02238

NAME **W. M. Goode** WELL **(2)** ACRES LEASE NO. **15055**  
 COUNTY **Lincoln** STATE **W. Va.** N. **S. 80 E. W. 76**  
 COMMENCED **Mar. 14, 1910** COMPLETED **Apr. 27, 1910** CONTRACTOR **Chamberlin & Co.**  
 COMMENCED \_\_\_\_\_ COMPLETED \_\_\_\_\_ CONTRACTOR \_\_\_\_\_  
 COMMENCED \_\_\_\_\_ COMPLETED \_\_\_\_\_ CONTRACTOR \_\_\_\_\_

FORMATION				CASING RECORD			
KIND	TOP	BOTTOM	REMARKS	SIZE	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT IN WHEN ABN'D.
lt Sand	1275	1860		6 5/8	1895'		
ittle Lime	1860	1890		5 7/16	1911'		
ncil Cave	1890	1895		Red WC	1911'		
lg Lime	1895	2065			1911'		
lg Injun	2065	2100			1911'		
late & Shell	2100	2540			1911'		
black Shale	2540	2555			1911'		
rea Sand	2555	2576			1911'		
late	2576	2580			1911'		
Total Dept	2580						

Jan. 25, 1912  
 Run 385' Liner  
 Top of Liner 2080' Apr. 29, 1910  
 Bottom of Liner 2460' Sept. 5, 1910  
 June 20, 1911  
 Dec. 23, 1911

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
Apr. 29, 1910	90qt.				
Sept. 5, 1910	180qt.				
June 20, 1911	260qt.				
Dec. 23, 1911	250qt.				

FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH

RECEIVED  
 Office of Oil & Gas  
 MAR 12 2008

WV Department of  
 Environmental Protection  
 REMARKS

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015

WV Department of  
 Environmental Protection

TOTAL DEPTH  
 PRODUCTION RECORD  
 24 HOURS BEFORE SHOT SAND BBLs.  
 24 HOURS AFTER SHOT SAND BBLs.  
 GAS TEST

APPROVED BY \_\_\_\_\_ SUPT

47-043-02239

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Production First 24 Hours from { Berea Sand Bbls. Approved: \_\_\_\_\_  
Sand Bbls. By \_\_\_\_\_

W.M. Goods Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
District Lincoln County West Virginia State \_\_\_\_\_  
Well No. Three Date of Location 19 \_\_\_\_\_  
Rig Commenced 19 \_\_\_\_\_ Contractor \_\_\_\_\_  
Rig Completed 19 \_\_\_\_\_  
Drilling Commenced May 11th, 19 10 Chamberlin & Company, Contractor  
Drilling Completed June 29th, 19 10

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8-5/8	1878		1878		1878				1878					

RECEIVED  
Office of Oil & Gas  
Permitting  
JUL 12 2001  
WV Department of  
Environmental Protection

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD										
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot				
Surface		16												
Slate & Red Rock	16	316		7	4	10	90							
White Sand	316	430		7	18	11	80							
Black Slate	430	606		3	2	15	150							
Lime & Sand	505	660												
Slate & Sand	650	915												
Lime & Sand	915	1060												
Slate & Lime	1060	1270												
Salt Sand	1270	1828												
Slate	1828	1830												
Little Lime	1830	1868												
Pencil Cave	1868	1873												
Big Lime	1873	2053												
Big Injun Sand	2053	2108												
Slate & Shells	2108	2546												
Berea Sand	2546	2558												
Slate	2568	2570												

REMARKS:  
Water in Salt Sand 1270 to 1500'

Size	Casing Pulled		Casing Left in	
	Feet	In.	Feet	In.

REMARKS:

47.043-02240

Production } Berea Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Sept

**W.M. Goode** Farm, No. of Lease \_\_\_\_\_ No. Acre \_\_\_\_\_  
 District Lincoln County West Virginia State  
 Well No. **Four** Date of Location 19\_\_\_\_  
 Rig Commenced 19\_\_\_\_ } Contractor \_\_\_\_\_  
 Rig Completed 19\_\_\_\_ }  
 Drilling Commenced September 10th, 19 12 }  
 Drilling Completed November 9th, 19 12 } **Holley Oil & Dev. Company, Contractor**

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
6-5/8"	1860		1860		1860				1860					
5 3/16	1907		1907		1907				1907					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size of Shot	Length of Shot	Top of Shot	Bottom of Shot	
Sand & Slate	70	125									
Slate & Red Rock	125	275		11	16	12	90				
Sand & Slate	275	1060		1	15	14	120				
Slate & Sand	1060	1160									
Salt Sand	1160	1815									
Slate	1815	1832									
Little Lime	1832	1853									
Big Lime	1853	2060									
Big Injuz Sand	2060	2105									
Sand & Slate	2105	2180									
Lime & Sand	2180	2200									
Lime	2200	2230									
Slate & Shells	2230	2510									
Coffee Slate	2510	2534									
Berea Sand	2534	2554									
Total Depth,				2554							

REMARKS:  
 Water in Salt Sand at 1160' & 1280'

ABANDONED

Size	Casing Pulled	Casing Left In

REMARKS: E1-1051-58

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30694

Production First 24 Hours from } Berea Sand Bbls. Approved.  
 } Sand Bbls. By Supt.

V.M. Goode, Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 Dural District Lincoln County West Virginia State.

Well No. Five Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } Contractor.  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }  
 Drilling Commenced August 8th. 1914 }  
 Drilling Completed September 22nd. 1914 } Holley Oil & Dev. Company, Contractor.

CASING RECORD

No.	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
-5/8	1882		1882		1882				1882					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD									
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot			
Rock & Slate		530											
Sand & Slate	530	1080		9	25	13	90						
Slate & Shells	1080	1185		9	4	34	40	12'-4"	WOT			W/ 8	
Salt Sand	1185	<del>1882</del>											
Little Lime	1836	1871											
Pencil Cave	1871	1877											
Big Lime	1877	2062											
Big Injun Sand	2062	2092											
Slate & Shells	2092	2292											
Slate	2292	2480											
Brown Shale	2480	2498											
Berea Sand	2498	2518											

REMARKS:  
 Water in Salt Sand at 1285'

ABANDONED \_\_\_\_\_ 10 - \_\_\_\_\_

Size	Casing Pulled	Casing Left In

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

REMARKS: EI-1017.50

47-043-30636

Production } Barea Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By Supt.

V.M. Goads Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_

Duval District Lincoln County West Virginia State.

Well No. Six Date of Location \_\_\_\_\_ 19\_\_

Rig Commenced \_\_\_\_\_ 19\_\_ }  
 Rig Completed \_\_\_\_\_ 19\_\_ } Contractor.

Drilling Commenced November 24th, 19 16 }  
 Drilling Completed January 18th, 19 17 } Wayland Oil & Gas Company, Contractor.

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8 1/2	375		375		375		375							
-5/8	1955		1955		1955				1955					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD								
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot		
S	1100	1190										
Line	1190	1230		1	29	17	90					
Slate	1230	1290										
Salt Sand	1290	1909										
Little Line	1909	1946										
Pencil Cave	1946	1948										
Big Line	1948	2126										
Big Injun Sand	2126	2166										
Slate & Shells	2166	2246										
Line Shells	2246	2366										
Slate & Shells	2366	2540										
Shells	2540	2600										
Brown Shale	2600	2620										
Berea Sand	2620	2645										
Oil & Gas	2623	2641										

REMARKS:  
 Water at 1330'

ABANDONED \_\_\_\_\_

Size	Casing Pulled	Casing Left In

REMARKS: E1-1143.35

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Slate 2082 2162  
 Lime shell 2162 2266  
 Slate & Shells 2266 2520  
 Brown Shale 2520 2540  
 Berea Sand 2540 2559  
 Oil 2543 2555  
 Total Dept 2561

TORPEDO RECORD

DATE SHOT NO. QTS. SIZE SHELL TOP SHOT BOTTOM REM  
 11-16 1917 60qt. 2543 2558

ABANDONMENT RECORD

FILLED WITH FROM TO SIZE PLUG KIND DEI

47.043-02242

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Production First 24 Hours from { Berea Sand Bbls. Approved. Sand Bbls. By \_\_\_\_\_

W.M. Gonda, Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 Duval District Idacola County West Virginia State \_\_\_\_\_

Well No. Eight Date of Location \_\_\_\_\_ 19\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } Contractor \_\_\_\_\_  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }

Drilling Commenced November 26th, 19 17 }  
 Drilling Completed January 11th, 19 18 } Wayland Oil & Gas Company Contractor.

CASING RECORD

No.	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8	348		348		348				348					
1-5/8	1829		1829		1829				1829					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Tr.	Shot	Length of Shot	Top of Shot	Bottom of Shot	
Salt Sand	1173	1787									
Black Lime	1787	1822		2	11	18	60		2520	2535	
Pencil Cave	1822	1825									
White Lime	1825	2005									
Big Injun	2005	2055									
Black Slate	2055	2145									
Lime Shell	2145	2250									
Slate & Shells	2250	2497									
Brown Shale	2497	2519									
Berea Sand	2519	2535									
Oil	2520	2535									
Gas	2520	2525									

REMARKS:

Water at 1235'

ABANDONED

No.	Casing Pulled	Casing Left In

REMARKS:

47.043-02243

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Production } Berea Sand Bbls. Approved: 43025821  
First 24 Hours from } Sand Bbls. By: Sept

W.M. Goods Farm, No. of Lease No. Acres  
Duval District Lincoln County West Virginia State  
Well No. Mine Date of Location 19  
Rig Commenced 19 } Contractor:  
Rig Completed 19 }  
Drilling Commenced October 5th, 1918 } Wayland Oil & Gas Company, Contractor.  
Drilling Completed November 11th, 1918 }

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8 1/8	400		400		400		400							
6-5/8	1761		1761		1761				1761					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD								
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot		
Lime Shell		14										
Salt Sand	1100	1710		11	15	18	60					
Slate	1710	1715										
Little Lime	1715	1750										
Pencil Cave	1750	1757										
Big Lime	1757	1936										
Big Injun	1936	1976										
Shells	1976	2126										
Slate	2126	2412										
Brown Shale	2412	2423										
Berea Sand	2423	2440										
Oil & Gas	2425	2438										

REMARKS:  
Big Water 1160'  
6-5/8" casing with bottom hole packer

ABANDONED

Size	Casing Pulled	Casing Left In

REMARKS:

47-043-02244

Production } Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Supt.

W. M. Goode Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_

Duval District Lincoln County West Va State.

Well No. 10 #166 Date of Location May 5th 1920

Rig Commenced May 11th 1920 }  
 Rig Completed May 21st 1920 } J.R. Werstell Contractor.

Drilling Commenced May 29th 1920 }  
 Drilling Completed June 30th 1920 } Eddystone Oil Corp Contractor.

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8-1/4			267				267							
6-5/8			1713				1713		1713					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size of Shot	Length of Shot	Top of Shot	Bottom of Shot	
Conductor		16									
Blue Mud	16	200		July	2	20	60	16	2380	2396	
Slate	200	210									
Sand	210	225									
Blue Mud	225	265									
Sand	265	300									
Slate	300	320									
S	320	350									
S	350	400									
Sand	400	550									
Slate	550	600									
Lime	600	630									
Sand	630	700									
Slate	700	810									
Lime	810	840									
Slate	840	880									
Sand	880	900									
Slate	900	1050									
Lime	1050	1070									
Salt Sand	1070	1663									
Little Lime	1663	1693									
Pencil Cave	1693	1703									
Big Lime	1703	1888									
Big Injun Sand	1888	1933									
Shells	1933	2356									
Brown Shale	2356	2378									
Berea Sand	2378	2397									
Total Depth,		2397									

REMARKS:  
 Marietta Torpedo Co Marietta Ohio

ABANDONED \_\_\_\_\_

Size	Casing Pulled	Casing Left In

REMARKS: EI-89702

S.L.M.

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

Well No. 11 #265

*W.M. Goode* Date of Location

November 25 1921

Rig Commenced 2-14-21 19

Rig Completed 2-19-21 19

Eddystone Oil Corp Contract

Drilling Commenced 3-26-21 19

Drilling Completed 5-5-21 19

Eddystone Oil Corp Contract

**CASING RECORD**

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet
3-1/4"			330						330				
3-5/8"			1730						1730				

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom Shot	
Conductor	0	16									
Red Mud	16	250		May	11	21	80	17'6"	2375	2392	
Sand	250	275									
Slate	275	340									
Sand	340	400									
Slate	400	450									
Sand	450	525									
Slate	525	600									
Sand	600	845									
Slate	845	1000									
Lime	1000	1050									
Salt Sand	1050	1620									
Maxon Sand	1620	1665									
Little Lime	1665	1698									
Pencil Cave	1698	1704									
Big Lime	1704	1889									
Big Injun Sand	1889	1940									
Slate & Shells	1940	2040									
Lime Shell	2040	2110									
Slate	2110	2354									
Brown Shale	2354	2374									
Brown Sand	2374	2393									
Oil	2374	2393	S L M								
Total Depth,		2393	S L M								

REMARKS:

ABANDONED			
Size	Casing Pulled	Casing Left In	

REMARKS: *E1 = 894.00*

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

12

47-043-02246

Well No. 14 M. M. Goode Farm 151 Acres  
 Lease No. 75055 Alwal District Lincoln County W. Va. State  
 So. Penn Employees Contractor SOUTH PENN DRILLING TOOLS AC. Contractor  
 Drilling Commenced Oct. 24, 1927 Drilling Completed Dec. 1, 1927  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS
Conductor		16		
Red Rock	16	340		
Slate & Shells	340	500		
Water		480		
Sand	500	530		
8 1/2" Casing		500		
Slate & Shells	530	670		
Sand	670	650		
Black Slate	650	660		
Sand	660	730		
Slate	730	750		
Sand	750	800		
Water (one bucket per hour)		780		
Slate	800	1060		
Sand	1060	1090		
Slate & Shells	1090	1140		
Salt Sand	1140	1693		
Water - Hole full		1400		
Maroon Sand	1693	1740		
Break	1740	1743		
Little Lime	1743	1773		
Pencil Case	1773	1778		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount Sand Result	Packer Size	Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.				

accident

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02246

12

Well No. <i>17</i>	<i>W.M. Goode</i>		Continued	Farm	Acres
Lease No.	District	County		State	
Drilling Commenced	Contractor	192	Drilling Completed	Contractor	192
N.	S.	E.	W.		
ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS	
<i>Big Line</i>	<i>1778</i>	<i>1970</i>		<i>EI=979.21</i>	
<i>6 7/8" casing</i>		<i>1797</i>	<i>1797</i>		
<i>Big Injuns</i>	<i>1970</i>	<i>2015</i>			
<i>Plate &amp; shell</i>	<i>2015</i>	<i>2439</i>			
<i>Brown shale</i>	<i>2439</i>	<i>2459</i>			
<i>Berea sand</i>	<i>2459</i>	<i>2479</i>	<i>2479</i>		
<i>Oil</i>	<i>2466</i>	<i>2476</i>			
<i>Total depth</i>		<i>2481</i>			

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result
	FEET	IN.	FEET	IN.	FEET	IN.				
<i>8 1/4"</i>	<i>500</i>	<i>-</i>					<i>12/4/11</i>	<i>80 gals.</i>	<i>Berea</i>	<i>Open Flow</i>
<i>6 7/8"</i>	<i>1797</i>	<i>-</i>								

Packer Size *St. Shoe used*

Depth Set *1797*

Production First 24 Hours *Est. 4* Bbls. Gas Test.....

Approved by *A. H. Anschutz* Superintendent.

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. Lin 283

Oil or Gas Well Oil  
(1907)

Company Frick-Reid Supply Corporation  
Address DRAPER ROAD, TULSA, OKLA.  
Farm T. A. & M. A. Griffith Acres 160  
Location (water) Porter's Fork, Mud River  
Well No. One Elev. 772  
District Duval County Lincoln  
The surface of tract is owned in fee by J. W. Stickler  
Address Yawkey, W. Va.  
Mineral rights are owned by Mrs. M. A. Hill and  
T. A. Griffith Hrs Address Madison, W. Va.  
Drilling commenced January 8, 1909  
Drilling completed February 22, 1910.  
Date Shot 2-26-1910 From 2233 To 2253  
With 90 Qts. Nitro-Glycerine

Casing and Tubing	Used in Drilling	Left in Well	Packers
8 1/2			Kind of Packerc
18			
10 Wood	15	15	Size of
8 1/2	325	----	Depth set.
6 1/2	1558	1558	
5 3/16			Perf. top
3		2253	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow /10ths Water in ..... Inch  
/10ths Merc. in ..... Inch  
Volume ..... Cu. Ft.  
Rock Pressure ..... lbs ..... hrs.  
Oil ..... bbls., 1st 24 hrs.  
Fresh water ..... feet ..... feet  
Salt water ..... feet ..... feet

CASING CEMENTED ..... SIZE ..... No. Ft. .... Date  
COAL WAS ENCOUNTERED AT ..... FEET ..... INCHES  
..... FEET ..... INCHES ..... FEET ..... INCHES  
..... FEET ..... INCHES ..... FEET ..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	15			
Slate			15	50			
Sand			50	120			
Lime			120	160			
Slate			160	290			
Sand			290	365			
Shells & Sand			365	600			
Sand			600	660			
Slate			660	820			
Salt Sand			820	1470	Salt Water	865	Hole Full Salt Water at 910
Slate			1470	1510			
Little Lime			1510	1550			
Pencil Cave			1550	1558			
Big Lime			1558	1760			
Sand			1760	1820			
Slate & Shells			1820	1950			
Slate			1950	2233			
Berea Sand			2233	2253			
Bottom of hole			2257				



RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of Environmental Protection

47-043-30597

Well No. 8 **Tuncil Griffith** Farm 160 Acres  
 Lease No. 8225 Duval Township Lincoln County W. Va. State  
 United Fuel Drilling Co. Contractor  
 Drilling Commenced - 19 - Drilling Completed April 25 1909 Contractor  
 N. S. 23 E. W. 75-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	50	120		
Line	120	160		
Slate	160	290		
Sand	290	365		
Shells and Slate	365	600		
Sand and Slate	600	845		
Salt Sand	845	1495		
Slate	1495	1530		
Little Lime	1530	1570		
Pencil Cave	1570	1575		
Big Lime	1575	1780		
Sand	1780	1840		
Slate and Shells	1840	2270		
Berea Sand	2270	2294		
Total Depth		2294		

Purchased 12-11-41 from Virginian Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Put in Well		Pulled Out		Left in Well		Shot Date
Size	Feet	In.	Feet	In.	Feet	In.
6 5/8	1577				1577	
10" Wood Bnd.	16'				16'	
						Shot Date April 29. 1909
						Amount 90 Quarts
						Sand Result
						Packer Size
						Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47043-30294

Well No. 5 T. A. G. <sup>Township</sup> Dural <sup>District</sup> Lincoln Farm 160 Acres  
 Lease No. 80225 County W. Va. State  
 United Fuel Drilling Company Contractor  
 Drilling Commenced May 8, 1909 Drilling Completed June 16 1909  
 N. S. 83 E. W. 15-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate and Sand Stone		60		
Sand	60	140		
Lime	140	200		
Slate	200	320		
Sand	320	390		
Slate and Shells	390	615		
Sand	615	700		
Slate	700	980		
Salt Sand	980	1640		
Slate	1640	1670		
Little Lime	1670	1710		
Pencil Cave	1710	1715		
Big Lime	1715	1919		
Sand	1919	1990		
Shells and Slate	1990	2135		
Slate	2135	2389		
Burea Sand	2389	2409		
Total Depth		2409		

Purchased 12-11-41 from Virginian Gasoline and Oil Company.

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Put in Well		Pulled Out		Left in Well		Shot Date	
Size	Feet	In.	Feet	In.	Feet	In.	Amount
6 5/8"	1717				1717		June 16 <sup>th</sup> 1909
10" W.C.	16				16		90 Quarts
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E. B. Pouth Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-30295

Well No. 8 **Tuncil Griffith**  
 Lease No. 80225 **Duvall** Township **Linedn** Farm 160 Acres  
**United Fuel Drilling Company** Contractor County **W. Va.** State  
 Drilling Commenced **Sept. 1 1909** Drilling Completed **Oct. 16 1909** Contractor  
 N. **S. 83 E.** W. **75-6** Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Salt Sand	1160	1800		
Slate	1800	1810		
Little Lime	1810	1835		
Pencil Cove	1835	1840		
Rip Lime	1840	2015		
Rip Injun	2015	2100		
Slate and Shells	2100	2526		
Berea Sand	2526	2545		
Total Depth		2547		Packet 2'

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Purchased 12-11-41 from Virginia Gasoline & Oil Company.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result
	Feet	In.	Feet	In.	Feet	In.			
6 5/8"	1852				1852		October 15 <sup>th</sup> 1909	90 Quarts	
8 1/4"	510								
10" Wood	16				16				
									Packer Size
									Depth Set

Production First 24 Hours..... Bbls. Gas Test.....

Approved by E.B. South Superintendent

47.043 - 30284

Well No. 9 Tuncil Griffith  
 Lease No. 80225 Dural Township District Lincoln  
 United Fuel Drilling Company Contractor  
 Drilling Commenced Dec 11 1909 Drilling Completed Jan 25 1910  
 N. S. 83 E. W. 75-6 Elevation

Farm Acres  
 County W. Va. State  
 Contractor

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	15	110		
Slate	110	375		
Sand	375	610		Reduced Hole 475'
Slate	610	800		
Sand	800	900		
Slate	900	990		
Salt Sand	990	1671		Hole full Water 1090
Slate	1671	1676		
Little Lime	1676	1714		
Pencil Cave	1714	1719		
Big Lime	1719	1899		
Big Injun	1899	1969		
Slate and Shells	1969	2020		
Squaw Sand	2020	2100		
Slate and Shells	2100	2390		
Acres Sand	2390	2412		

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Purchased 12-11-41 from Virginian Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount
	Feet	In.	Feet	In.	Feet	In.		
6 5/8"	1722				1722		January 25, 1910	90 Quarts
10" Wood	16				16			

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E. B. South Superintendent

47-043-30601

Well No. <b>10</b>	<b>Tuncil Griffith</b>	Farm	<b>160</b>	Acres
Lease No. <b>90115</b>	<b>Duval</b>	Township	<b>Lincoln</b>	State
<b>United Fuel Drilling Company</b>	<b>Contractor</b>	County	<b>W. Va.</b>	
Drilling Commenced	<b>Oct. 25 1909</b>	Drilling Completed	<b>Dec. 2 1909</b>	
N.	<b>S. 83</b>	E.	<b>W. 75-6</b>	Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	30	180		
Slate	180	250		
Sand	250	290		
Coal	290	295		
Slate	295	400		
Sand	400	600		
Slate	600	795		
Salt Sand	795	1500		
Slate	1500	1510		
Little Lime	1510	1540		
Slate	1540	1545		
Big Lime	1545	1755		
Big Injun	1755	1835		
Slate	1835	1890		
Squaw Sand	1890	1980		
Slate	1980	2060		
Shells	2060	2080		
Slate	2080	2140		
Shells	2140	2206		
Black Slate	2206	2226		
Reeta Sand	2226	2246		
Purchased 12-11-41 from Virginian Gasoline and Oil Company.				

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount
	Feet	In.	Feet	In.	Feet	In.		
6 5/8"	1549				1549		December 3, 1909	85 Quarts
8 1/4"	350				43			
13"	16				16			
								Result
								Packer Size
								Depth Set

Production First 24 Hours.....Bbls. Gas Test.....

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30300

Well No. 12 **Tuncil Griffith** Farm 160 Acres  
 Lease No. 80225 **Duval** Township Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor  
 Drilling Commenced Oct 26 1909 Drilling Completed Dec. 18 1909  
 N. S. E. W. Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate	0	50		
Sand	50	150		
Slate and Sand	150	430		430 ft. 10" hole
Sand	430	600		
Slate	600	675		
Lime	675	725		
Shells and Slate	725	800		
Sand	800	875		
Slate	875	960		
Salt Sand	960	1610		Water at 1070 ft.
Slate	1610	1625		
Red Rock	1625	1640		
White Slate	1640	1650		
Maxton Sand	1650	1665		
Black Slate	1665	1685		
Little Lime	1685	1720		
Slate	1720	1734		
Big Lime	1734	1910		
Big Injun	1910	1970		
Slate	1970	2050		
Squaw Sand	2050	2095		
White Slate	2095	2295		Purchased 12-11-41 from Virgin Gasoline and Oil Company
Black slate	2295	2400		
Red Sand	2400	2420		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
6 5/8"	1794				1735		December 22, 1909	80 Quarts			
1 3/4" Wood	16				16						

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E. B. Pouth Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Well No. 13 T. A. & M. A. Griffin Farm 160 Acres  
 Lease No. 80225 Duval <sup>Township</sup> District Lincoln County W. Va. State  
Pratt Drilling Company Contractor  
 Drilling Commenced Jan. 3 1910 Drilling Completed Feb. 22 1910  
 N. S. 23 E. W. 75-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Mud	0	80		
Slate	80	150		
Sand	150	308		
Coal	300	303		
Sand	303	360		Water 303 Ft.
Black Slate	360	440		
Sand	440	460		Water at 440 Ft.
Brown Slate	460	540		
Lime	540	580		
Sand	580	680		
Slate	680	980		
Sand	980	1000		
Salt Sand	1000	1700		Salt Water 1090 Ft.
Little Lime	1700	1735		
Pencil Cave	1735	1741		
Big Lime	1741	1926		Gas in Line 1886 Ft.
Infus Sand	1926	1986		
White Slate	1986	2146		
Shells	2146	2206		
Brown Slate	2206	2350		
White Slate	2350	2397		
Black Slate	2397	2417		
Berea Sand	2417	2435		

Purchased 12-11-11 from Virginian Gasoline & Oil Company.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
6 5/8"	1741		1741				February 24, 1910	80 Quarts			
8 1/4"	460										
10" Wood	16		16								

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

Well No. 14 **Tuncil** **Grillith** Farm 160 Acres  
 Lease No. 80225 Duval <sup>2nd</sup> District Lincoln County W. Va. State  
 Pratt Drilling Company Contractor Contractor  
 Drilling Commenced Jan. 31 1910 Drilling Completed March 9 1910  
 N. S. 83 E. W. 75-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Coal	200	205		
Sand	205	300		
Plate	300	400		
Sand	400	460		
Plate	460	575		
Sand	575	700		
Plate	700	885		
Salt Sand	885	1586		
Little Lime	1586	1623		
Pencil Cave	1623	1628		
Big Lime	1628	1808		
Red Rock	1808	1878		
Plate	1878	1928		
Squaw Sand	1928	2000		
Plate and Shells	2000	2290		
Black Slate	2290	2307		
Berea Sand	2307	2325		
Bottom Hole		2327		2 Ft. Pocket

Purchased 12-11-41 from Virginia Gasoline and Oil Company

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date Amount Sand Result
	Feet	In.	Feet	In.	Feet	In.	
6 5/8"	1631				1631		March 11, 1910 80 Quarts
8 1/4"	400						
10" Wood	16				16		
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E B South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Well No. 15 **T.A. Griffin** Farm 160 Acres  
 Lease No. 80225 Duval Township Lincoln County W. Va. State  
 Pratt Drilling Company Contractor  
 Drilling Commenced March 4 1910 Drilling Completed April 20 1910 Contractor  
 N. S. 93 E. W. 15-L Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Mud	0	75		
Sand	75	175		
Black Slate	175	235		
Sand	235	635		
Coal	635	637		Water at 635 ft
Black Slate	637	737		
Sand	737	887		
Slate	887	1000		
Sand	1000	1190		
Lime	1190	1200		
Salt Sand	1200	1760		Salt Water at 1250 ft
Slate	1760	1820		
Little Lime	1820	1860		
Pencil Cove	1860	1865		
Big Lime	1865	2050		
Big Injun	2050	2110		
Shells and Slate	2110	2265		
Black Slate	2265	2515		
Brown Slate	2515	2535		
Beta Sand	2535	2555		
		2558		3 Ft. Pocket

Purchased 12-11-41 from Virginia Gasoline and Oil Company

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
Size	Feet	In.	Feet	In.	Feet					
6 5/8"	1865				1865		April 21, 1910 90 Quarts	Sand		
Wood Comb.	16				16					

Production First 24 Hours..... Bbls. Gas Test.....

Approved by E.B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

Well No. 16 **T. A. Gillith** Farm 160 Acres  
 Lease No. 80225 Duval Township Lincoln County W. Va. State  
 Pratt Drilling Company Contractor  
 Drilling Commenced April 26 1910 Drilling Completed June 17 1910  
 N. S. 83 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate	0	60		
Sand	60	115		
Slate	115	180		
Lime	180	225		
Sand	225	285		
Slate	285	375		
Sand	375	440		
Slate	440	530		
Lime	530	580		
Sand	580	625		
Slate	625	715		
Sand	715	825		
Slate	825	1000		
Salt Sand	1000	1533		Salt Water 1050
Slate	1533	1573		
Red Rock	1573	1603		
Maxton Sand	1603	1633		
Little Lime	1633	1675		
Pencil Cave	1675	1680		
Big Lime	1680	1870		
Big Injun	1870	1935		
Slate	1935	2010		

continued next above

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date
	Feet	In.	Feet	In.	Feet	In.	
							Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by \_\_\_\_\_ Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Well No. 16 **T. A. Griffith** Farm 160 Acres  
 Lease No. 10225 Duval Township Lincoln County W. Va. State  
 Pratt Drilling Company Contractor  
 Drilling Commenced April 26 1910 Drilling Completed June 17 1910 Contractor  
 N. S. 83 E. W. 75-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Lime and Shells	2010	2125		
White Slate	2125	2338		
Brown Slate	2338	2358		
Berea Sand	2358	2375		

Purchased 12-11-11 from Virginia Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.						
6 5/8" Wood Cond.	1694	16			1694	16	June 19, 1910	80 Quarts				

Production First 24 Hours..... Bbls. Gas Test.....  
 Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30612

Well No. 17 **T. A. Griffith** Farm 160 Acres  
 Lease No. 80225 Duval Township Lincoln County W. Va. State  
 District Contractor Contractor  
 Drilling Commenced 19 Drilling Completed 19  
 N. S. 83 E. W. 75-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Coal	160	165		
Slate	165	180		
Sand	180	210		
Slate	210	250		
Sand	250	325		
Slate	325	380		
Sand	380	400		
Slate	400	490		
Sand	490	550		
Slate	550	610		
Sand	610	665		
Slate	665	730		
Sand	730	760		
Slate	760	860		
Salt Sand	860	1460		Salt Water 890 Ft.
Little Lime	1460	1490		
Pencil Cave	1490	1496		
Big Lime	1496	1686		
Injun Sand	1686	1746		
Slate	1746	1860		
Squaw Sand	1860	1920		
Slate	1920	2179 1/2		
Reca Sand	2179 1/2	2202 1/2		Purchased 12-11-41 from Virginia Gasoline & Oil Co.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
6 5/8"	1524	7	1524	7			June 28, 1910	85 Quarts			
8 1/4"	277	3	277	3							
10"	35		35								
	Sewage 6 5/8" - 12' 7"										
	Sewage 8 1/4" - 2' 3"										

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

Well No. 18 T. A. Griffin Farm 160 Acres  
 Lease No. 70225 Duval Township Lincoln County W. Va. State  
 Hot Drilling Company Contractor  
 Drilling Commenced March 30 1910 Drilling Completed May 10 1910  
 N. S. 23 E. W. 75-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	100	125		
Slate	125	175		
Lime	175	200		
Slate	200	300		2 Barrels Water per hr. 300
Sand	300	375		
Slate	375	425		
Sand	425	475		
Slate	475	525		
Sand	525	550		
Slate	550	600		
Sand	600	675		
Slate	675	690		
Sand	690	700		
Slate	700	750		
Sand	750	795		
Slate	795	900		
Salt Sand	900	1565		Salt Water at 1050
Slate	1565	1595		
Little Lime	1595	1632		
Slate	1632	1637		
Big Lime	1637	1817		
Red Rock	1817	1947		

(continued below)

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount Sand Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.				

Production First 24 Hours.....Bbls. Gas Test.....

Approved by..... Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Well No. 15 T.A. Griffith Farm 160 Acres  
 Lease No. 80225 Duval Township Lincoln County W. Va. State  
 Pratt Drilling Company Contractor  
 Drilling Commenced March 30 1910 Drilling Completed May 10 1910  
 N. S. 23 E. W. 75-6 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
	Continued from above			
Slate	1947	2000		
Squaw Sand	2000	2070		
Slate and shells	2070	2316		
Berea Sand	2316	2336		
Total Depth		2336		
Purchased 12-11-41 from Virginian Gasoline and Oil Company.				

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date Amount Sand Result Packer Size Depth Set
	Feet	In.	Feet	In.	Feet	In.	
6 5/8" Work Casing	1650	16			1650	16	May 12, 1910 90 Quarts.

Production First 24 Hours..... Bbls. Gas Test.....  
 Approved by E.B. Pouth Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

No. 71078

Acres 42

Farm Name Addison Hager

47-043-02268

Well No. 2

Map 12-5W 1 Mi. N from Vene Waters of Same Branch of Middle Fork of Straight Fork of Mud River

S. 80 E.

W. 50-77

Location Made

Purchased From Big Laredo Dev. Co.

District Duval

Rig Completed

Date Purchased

County Lincoln  
W. Va.

Dr'g Commenced Mar. 12, 1910

Cost per ft.

Dr'g Completed April 25, 1910

Date Sold 1-10/100

Rights Owned By

Dr'g Contractor Weiler Bros.

Date Abandoned

FORMATION

CASING RECORD

Kind	Top	Bottom	Steel Line Measurement	Tests
t Sand	1150	1750		
tle Lime	1750	1805		
oil Cave	1805	1810		
Lime	1810	1940		
Injun	1940	2000		
Shale	2470	2490		
ea	2490	2511		

Size	Bottom Casing (Steel Line)	Put In Well (Tally Meas.)	Pulled (Tally Meas.)	Cemented
Cond.		11'		Date
6-5/8		1810		(None)
<i>K.L. 2" C</i>	<i>2471</i>			Top "
	<i>2506</i>			Bot. "

PACKERS AND SHOES

Kind	Size	Depth Set	Date Set

TORPEDO RECORD

Date	No. Qts.	Size Shell	Top Shot	Bottom	Results
4-26-1910	90				
11-2-1912	150		2491 1/2	2506	

DRILLING DEEPER

Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD

Filled With	From	To	PLUG		
			Size	Kind	Depth

*Lowered casing head 3 ft*

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Prod.	Sand	* At Completion	* 30Days After	*
	Berea	30 Brls.		

APPROVED

Supt.

47-043-02245

Case No. 71097 Acres 40 Farm Name Hager & McClure Well No. 3  
~~Map 724 W~~ ~~2 Mc NW from Train~~ ~~Waters at Tingo Fork of Trace For Cat Mud Rivue~~  
 N. S. 81 E. W. 75 Location Made Purchased From Big Creek  
 Civil District Duval Rig Completed Date Purchased  
 County Lincoln Dr'g Commenced Dec. 26, 1916 Sold To  
 State W. Va. Dr'g Completed Feb. 5, 1917 Date Sold  
 GAS Rights Owned By Dr'g Contractor Boone Dr'g. Co. Date Abandoned

FORMATION					CASING RECORD				
Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Casing (Steel Line)	Put In Well (Date)	Pulled (Tally Meas.)	Cement
Salt Sand	1190	1851			Cond.		12'		
Pencil Cave	1851	1856			6-5/8		1851		Date
Big Lime	1856	2051			5 7/16		1814		Size Csg.
Big Injun	2051	2116					7 5/8	5-22-42	Top "
Brown Shale	2510	2531							Bot. "
Berea	2531	2550							

PACKERS AND SHOES			
Kind	Size	Depth Set	Date Set
O.W.S.			

TORPEDO RECORD					
Date	No. Qts.	Size Shell	Top Shot	Bottom	Resu
2-12-1917	80		2533	2550	

DRILLING DEEPER				
Commenced	Completed	Original Depth	Final Depth	Contract

ABANDONMENT RECORD					
Filled With	From	To	Size	PLUG Kind	De

Initial Prod.	Sand	* At Completion	* 30 Days After	*
Oil	Berea	10 Brls.		
Gas				

RECEIVED  
 Office of Oil and Gas  
 01 2015  
 WV Department of  
 Environmental Protection

Office of Oil and Gas  
 Chief of Office  
 NOV 14 2008  
 WV Department of  
 Environmental Protection

APPROVED

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: SNODGRASS, CHARLES  
LOCATION: Elevation: 1056.28'  
District: Duval  
Latitude: 100 Feet south of  
Longitude: 6,550 Feet west of

Operator Well No.: HAGER/MCCLURE 3  
Quadrangle: Griffithsville 7.5'  
County: Lincoln  
38 Deg 15 Min 0 Sec.  
81 Deg 55 Min 00 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: PHILIP S ONDRUSEK

Inspector: Ralph Triplett

Permit Issued: 12/01/03

Well work Commenced: 09/14/05

Well work Completed: 10/28/05

Verbal plugging

permission granted on:

Rotary  Cable  Rig

Total Depth (feet) 4,371

Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
65/8"	1861'	1861'	Existing
5 3/16"	1814'	1814'	Existing
3 1/2"	4354.55'	4354.55'	50 Sacks

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 3362'-4230'  
 Gas: Initial open flow 5 MCF/d Oil: Initial open flow            Bbl/d  
 Final open flow 90 MCF/d Final open flow            Bbl/d  
 Time of open flow between initial and final tests            Hours  
 Static rock pressure 402 psig (surface pressure) after 96 Hours

Second producing formation            Pay zone depth (ft)             
 Gas: Initial open flow            MCF/d Oil: Initial open flow            Bbl/d  
 Final open flow            MCF/d Final open flow            Bbl/d  
 Time of open flow between initial and final tests            Hours  
 Static rock pressure            psig (surface pressure) after            Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EAST RESOURCES, INC.

By: [Signature]

Date: 12/22/05

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Hager + McClure #2  
47-043-02272

**Treatment :**

Treated perfs 3739'-4230' w/ 250 gals 7 1/2% HCL, 678 bbls 90 to 75 Quality foam, and 32,400# 20/40 sand

Treated perfs 3362'- 3682' w/ 250 gal 7 1/2% HCL, 465 bbls 90 to 75 Quality foam, and 17,600# 20/40 sand

**Well Log :**

TD =4371'

Original TD = 2550'

2550' -4371'

Devonian Shale

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02273

Well No. 4 Wagner & McElwre Farm 40 Acres  
 Lease No. 7097 Lincoln District Lincoln County W. Va State  
 Dr. Lewis Employees Contractor SOUTH PENN DRILLING TOOL & AC. Contractor  
 Drilling Commenced Feb. 5, 1923 Drilling Completed Mar. 17, 1923

N. S. 81 E. W. 75  
 ROCK FORMATION TOP BOTTOM Steel Line Measurement REMARKS

Conductor		16	EI = 961.48	
Sand	16	26		
Red Rock	26	90		
Sand	90	160		
Slate	160	200		
Shells	200	390		
Slate	390	410		
Sand	410	458		
Coal	458	463		
Water	458	463		3 B. per hour
Slate	463	500		
Sand	500	568		
8 1/2" casing		502		
limb	568	581		
Sand	581	705		
Slate	705	821		
Sand	821	833		
Slate	833	865		
Sand	865	901		
Black Slate	901	960		
lime	960	981		
Sand	981	1040		

CASING RECORD AS TALLIED NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date
	FEET	IN.	FEET	IN.	FEET	IN.	Amount
							Sand Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by \_\_\_\_\_ Superintendent.

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02273

Well No.	4 Hager & McClure		Farm	A
Lease No.	District	County	S	
Drilling Commenced	192	Drilling Completed	19.	
N.	S.	E.	W.	
ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS
Slate	1040	1065		
Salt Sand	1065	1267		
Crake	1276	1278		
2nd Salt Sand	1278	1671		
Water - Hole full		1785		
Slate	1671	1680		
Mason Sand	1680	1723		
Slate	1723	1727		
Little Lime	1727	1757		
Pencil Cave	1757	1766		
Big Lime	1766	1936		
6 7/8 Casing		1785	1785	
Big Injuns	1936	1986		
Slate Shells	1986	2200		
Shale	2200	2350		
Lime	2350	2387		
Brown Shale	2387	2437		
Cerea Sand	2437	2457	2437	
Oil	2437	2457		
Total depth		2460	2460	

CASING RECORD AS TALLIED: NOT STEEL LINE MEASUREMENT

SIZE	FEET	IN.	PULLED OUT	LEFT IN WELL	Shot Date	Amount	Sand	Result
8 1/4"	502	-	PULLED		3/21/23	80 lbs	Berla	Open flow
6 7/8"	1800	-						
5 1/2"	1832	-						

Packer Size 6 7/8" Lead a Rubber B. H.  
Depth Set 1785

47-043-02273

Production First 24 Hours 5 Bbls. Gas Test: \_\_\_\_\_  
 Approved by A. H. Anschutz Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of Environmental Protection

47-043-30995

Production First 24 Hours from { Berea Sand Bbls. Approved.  
 Sand Bbls. By Supt.

Ira M. Hill, Farm, No. of Lease No. Acres.  
 Duval District Lincoln County West Virginia State.  
 Well No. One Date of Location 19  
 Rig Commenced 19  
 Rig Completed 19 } Contractor.  
 Drilling Commenced April 8th, 19 10 } Chamberlin & Company, Contractor.  
 Drilling Completed May 20th, 19 10 }

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
10 - 5/8	10	1900	10	1900	10	1900			10	1900				

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD									
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot			
Salt Sand	1215	1390											
Sand & Slate	1390	1850		5	24	10	60						
Little Lime	1850	1875		11	18	10	60						
Fencil Cave	1875	1885											
Rig Line	1885	2075											
Rig Injun Sand	2075	2115											
Slate	2115	2200											
Lime Shells	2200	2350											
Slate	2350	2560											
Black Shale	2560	2575											
Berea Sand	2575	2594											
Slate	2594	2599											
Total Depth,				2599									

REMARKS:  
 Water in Salt Sand at 1220'

ABANDONED \_\_\_\_\_ 19\_\_

Size	Casing Pulled	Casing Left In

REMARKS:  
 EI = 1097.38

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WR-35

WV Department of  
Environmental Protection  
State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

13-Jul-05  
API# 47 043 02039

Well Operator's Report of Well Work

Farm name: LOY, DALE & REGINA  
LOCATION: Elevation: 919'  
District: DUVAL  
Latitude: 6,475 Feet south of  
Longitude: 3,725 Feet west of

Operator Well No.: IRA HILL 2  
Quadrangle: Griffithsville 7.5'  
County: LINCOLN  
38 Deg 15 Min 0 Sec.  
81 Deg 55 Min 00 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: PHILIP S ONDRUSEK

Inspector: RALPH TRIPLETT

Permit Issued: 07/13/05  
Well work Commenced: 10/18/05  
Well work Completed: 12/09/05

Verbal plugging permission granted on:

Rotary  Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 4067'

Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
6 5/8"	1730'	1730'	Existing
5 1/2"	1773'	1773'	Existing
3 1/2"	3931.6'	3931.6'	ON PACKER @ 3806'

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 2416'-4067'  
Gas: Initial open flow 5 MCF/d Oil: Initial open flow 10 Bbl/d  
Final open flow 5 MCF/d Final open flow 5 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure 200 psig (surface pressure) after 650 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EAST RESOURCES, INC  
By: [Signature]  
Date: 4/11/06

47-043.02039

Ira Hill #2

Treatment: Not stimulated

COPY

Well Log: Original TD = 2416'  
2416' - 4067' Devonian Shale

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47 043-30996

Production First 24 Hours from { Berea Sand Bbls. Approved.  
Sand Bbls. By \_\_\_\_\_ Supt.

Ira M. Hill Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
Duval District Lincoln County West Virginia State.  
 Well No. Thras Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ }  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ } Contractor.  
 Drilling Commenced April 18th, 19 12 }  
 Drilling Completed June 7th, 19 12 } Chamberlin & Company. Contractor.

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
6 1/8	22		22		22				22					
-5/8	1841		1841		1841				1841					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot	
Sand	30	600									
Coal	600	602		6	20	12	90				
Sand	602	885									
Coal	885	887									
Gas Sand	1010	1040									
Salt Sand	1150	1720									
Maxon Sand	1720	1742									
Little Lime	1760	1820									
Pencil Cave	1820	2008									
Big Injun Sand	2008	2080									
Slate	2220	2484									
Shale	2484	2504									
Berea Sand	2504	2526									
Total Depth,		2526									

REMARKS:  
 Gas in Salt Sand at 1152'  
 Water in Salt Sand at 1165' & 1180'  
 Gas in Pencil Cave at 1965'

Size	Casing Pulled	Casing Left In

REMARKS: EI = 1038.27

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-31029

Record of Well No. *1* on *Oliver Well #1* Farm \_\_\_\_\_ Acres \_\_\_\_\_  
*Waltham* Field, *Duval* District *Lincoln* County, *Fla.*  
 Bld Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced *Nov 15, 1927* Completed *July 2, 1927*  
 Cost per foot, *1.25* Contractor, *Chamberlain & Co* Address, *Weston, Fla.*  
 Drillers' Names, *M. C. Laripen & J. H. Wadinder*

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	18 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 inch	5 1/2 inch	4 1/2 inch
		<i>23</i>		<i>455</i>		<i>1496</i>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	18 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 inch	5 1/2 inch	4 1/2 inch
		<i>23</i>		<i>no</i>		<i>1496</i>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Each Pressure
<i>Nov 20 1927</i>	<i>5 in</i>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<i>Earth</i>	<i>0</i>	<i>13</i>	<i>13</i>	<i>I think this well will make a 30 bbl. oil well when shot. J. F. McEldry</i>
<i>Sand</i>	<i>13</i>	<i>73</i>	<i>60</i>	
<i>Slate</i>	<i>73</i>	<i>85</i>	<i>12</i>	
<i>Sand</i>	<i>85</i>	<i>150</i>	<i>65</i>	
<i>Coal</i>	<i>150</i>	<i>152</i>	<i>2</i>	
<i>Slate</i>	<i>152</i>	<i>175</i>	<i>23</i>	
<i>Sand</i>	<i>175</i>	<i>300</i>	<i>125</i>	
<i>Slate</i>	<i>300</i>	<i>320</i>	<i>20</i>	
<i>Sand</i>	<i>320</i>	<i>365</i>	<i>45</i>	
<i>Coal</i>	<i>365</i>	<i>367</i>	<i>2</i>	
<i>Slate</i>	<i>367</i>	<i>375</i>	<i>8</i>	<i>Shot 1/6/19 - 105 gals.</i>
<i>Sand</i>	<i>375</i>	<i>500</i>	<i>125</i>	
<i>Slate &amp; Shells</i>	<i>500</i>	<i>650</i>	<i>150</i>	
<i>Sand</i>	<i>650</i>	<i>780</i>	<i>130</i>	
<i>Slate</i>	<i>780</i>	<i>820</i>	<i>40</i>	
<i>Salt Sand</i>	<i>820</i>	<i>1484</i>	<i>664</i>	
<i>Big Lime</i>	<i>1484</i>	<i>1704</i>	<i>220</i>	
<i>Red Rock</i>	<i>1704</i>	<i>1720</i>	<i>16</i>	
<i>Big Lignite</i>	<i>1720</i>	<i>1755</i>	<i>35</i>	
<i>Slate</i>	<i>1755</i>	<i>1815</i>	<i>60</i>	
<i>Slate &amp; Shells</i>	<i>1815</i>	<i>2000</i>	<i>185</i>	
<i>Slate</i>	<i>2000</i>	<i>2188</i>	<i>188</i>	
<i>Shell</i>	<i>2188</i>	<i>2190</i>	<i>2</i>	
<i>Black Slate</i>	<i>2190</i>	<i>2210</i>	<i>20</i>	
<i>Grey Silt</i>	<i>2210</i>	<i>2230</i>	<i>20</i>	
<i>Slate</i>	<i>2230</i>	<i>2236</i>	<i>6</i>	

Total Depth of Well *2236*

Shot at *2213-2225*

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

WR-35  
 RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection



State of West Virginia  
 DEPARTMENT OF ENERGY  
 Oil and Gas Division

Date January 20, 1988  
 Operator's  
 Well No. 2  
 Farm Oliver Hill  
 API No. 047-043-2040-DD

WELL OPERATOR'S REPORT  
 OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
 (If "Gas," Production X / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 722.54 Watershed Bear Fork  
 District: Duval County Lincoln Quadrangle Griffithsville

COMPANY Pennzoil Products Company

ADDRESS PO Box 5519, Vienna, WV 26105-5519

DESIGNATED AGENT James A. Crews

ADDRESS PO Box 5519, Vienna, WV 26105-5519

SURFACE OWNER Hattie Thomas

ADDRESS Lawton, KY 41153

MINERAL RIGHTS OWNER Marjorie Thomas Rabourn

ADDRESS Lawton, KY 41153

OIL AND GAS INSPECTOR FOR THIS WORK Jerry

Holcomb ADDRESS Hamlin, WV

PERMIT ISSUED June 16, 1987

DRILLING COMMENCED 9-4-87

DRILLING COMPLETED 9-7-87

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON

Casing or Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
Size 20-16 Cm.			
13-10"			
9 5/8			
8 5/8			
7	1520'	1520'	(Existing)
5 1/2			
4 1/2			
3			
2-7/8	3909'	3909'	95 sks.
liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3915' feet

Depth of completed well 3915 feet Rotary X / Cable Tools

Water surface depth: Fresh \_\_\_ feet; Salt 900 feet

Coal seam depths: \_\_\_ Is coal being mined in the area? \_\_\_

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3327-3721 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 bbl/d

Final open flow 40 Mcf/d Final open flow 0 bbl/d

Time of open flow between initial and final tests \_\_\_ hours

Static rock pressure 430 psig (surface measurement) after 116 hours shut in

(If applicable due to multiple completion--)

Second producing formation \_\_\_ Pay zone depth \_\_\_ feet

Gas: Initial open flow \_\_\_ Mcf/d Oil: Initial open flow \_\_\_ bbl/d

Final open flow \_\_\_ Mcf/d Oil: Final open flow \_\_\_ bbl/d

Time of open flow between initial and final tests \_\_\_ hours

Static rock pressure \_\_\_ psig (surface measurement) after \_\_\_ hours shut in

(Continue on reverse side)

Oliver Hill #2

47-043-02040

DETAILS OF PERFORMED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Frac: 9-23-87 - 3604-3721 w/250 gal. 15% HCl, 1050 Bbls. 75 quality foam, 40,000# 20/40 sand.

Frac: 10-6-87 - 3327-3464 w/500 gal. 7½% HCl, 820 Bbls. 75 quality foam, 40,000# 20/40 sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fire and salt water, coal, oil and gas
Original T.D.			2226'	3915'	
Devonian Shale					

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

(Attach separate sheets as necessary).

PENNZOIL PRODUCTS COMPANY

Well Operator

By: Curtis A. Lucas Curtis A. Lucas

Supervisor, Surveying & Mapping

Date: January 20, 1988

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

Record of Well No. 3 on W. Hill Farm. Acres Suffice  
 Field, Duval District Sebastian County, ✓  
 Rig Commenced 19 Completed 19  
 Drilling Commenced March 5th 1909 Completed April 29th 1909  
 Cost per foot, 1.15 Contractor, Walter Bros. Address, Yonkers, N.Y.  
 Drillers' Names, Jos. Holston and Jos. Donigale

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/4 inch	5 1-10 inch	4 1/4 inch
12 1/2						17 1/2				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/4 inch	5 1-10 inch	4 1/4 inch
17 1/2						17 1/2				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Back Pressure
5/10/09	9 1/2 inch	2 1/2 bbl	1 1/2 inch	30 ft.	3 1/2 inch	120 ft.	1 1/2 inch	130 ft.	

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand		12	12	
Shale	12	19	7	
Red Rock	19	35	16	
Shale	35	90	55	
Sand	90	130	40	
Shale	130	220	90	Set water at 140 ft.
Sand	220	245	25	
Shale	245	260	15	2 Barrels water at 450 ft.
Sand	260	340	80	
Shale	340	365	25	Showing Gas at 1075
Sand	365	407	42	
Sand	407	510	103	Mole filled full salt water at 1065
Sand Shells	510	530	20	
Sand	530	640	110	
Shale	640	657	17	
Coal	657	661	4	
Shale	661	695	34	
Sand	695	725	30	
Shale	725	745	20	
Sand	745	855	110	
Shale	855	900	45	
Sand	900	930	30	
Sand	930	952	22	
Sand	952	995	43	
Shale	995	1003	8	
Sand	1003	1015	12	
Salt Sand	1015	1670	655	
Black Sand	1670	1712	42	
Peas. Coar.	1712	1715	3	
White Sand	1715	1885	170	
Sand	1885	1970	85	
Shale	1970	2030	60	Forced

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47043-31036

Record of Well No. \_\_\_\_\_ on \_\_\_\_\_ Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Cost per foot \_\_\_\_\_ Contractor \_\_\_\_\_ Address \_\_\_\_\_  
 Drillers' Names \_\_\_\_\_

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 - 1/8 Inch	4 1/2 Inch

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 - 1/8 Inch	4 1/2 Inch

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure

FORMATION TOP BOTTOM THICKNESS REMARKS

*Oil Well # 3 Continued -*

<i>Sand Shells</i>	<i>2030</i>	<i>2140</i>	<i>110</i>	
<i>Shale</i>	<i>2140</i>	<i>2230</i>	<i>90</i>	
<i>Sand</i>	<i>2230</i>	<i>2255</i>	<i>25</i>	
<i>Shale</i>	<i>2255</i>	<i>2360</i>	<i>105</i>	
<i>Black Shale</i>	<i>2360</i>	<i>2386</i>	<i>26</i>	
<i>Big Sand</i>	<i>2386</i>	<i>2407</i>	<i>21</i>	
<i>Shale</i>	<i>2407</i>	<i>2410</i>	<i>3</i>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31037

RECORD of Well No. 4 on C. Hall Farm, Acres Buffalo  
 Well Field, Duval District Lincoln County,  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Aug 6 1909, Completed Sept 18 1909  
 Cost per foot, 1.10 Contractor, Walter Bays Address, York  
 Drillers' Names, J. H. Hays & J. M. McMichael

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 x 1 1/2 Inch	4 1/2 Inch
9						1850				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 x 1 1/2 Inch	4 1/2 Inch
						1850				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	2nd Shot	Revs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
9/11/09	9000	4 1/2 bbl	1400 ft	3 1/2 shot	4 1/2 x 1 1/2	150 ft			

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		9	9	ET=12570
Shale	9	200	191	
Sand	200	230	30	450 ft. 10" hole made
Shale	230	270	40	110 8" casing made
Sand	270	320	50	
Shale	320	360	40	Gas in salt sand at 1175'
Sand	360	400	40	
Shale	400	420	20	Shale fault up at 1200'
Coal	420	424	4	
Sand	424	430	6	
Shale	430	490	60	
Sand	490	550	60	
Shale	550	600	50	
Sand	600	670	70	
Shale	670	700	30	
Sand	700	800	100	
Shale	800	900	100	
Sand	900	940	40	
Shale	940	1135	195	
Salt Sand	1135	1810	675	
Black shale	1810	1840	30	
Parcel Cove	1840	1845	5	
Big Sand	1845	2015	170	
Upper Sand	2015	2080	65	
Lower Sand	2080	2321	241	
Lower Sand	2321	2542	221	
Lower Sand	2542			

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31038

Record of Well No. 5 on Oliver Hill Farm, Acres 1.5  
 Field, Douglas District Lincoln County, W. Va.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Nov 22 1909, Completed Jan 31 1910  
 Cost per foot, 1.10 Contractor Walter Bros, Address, Newky, W. Va.  
 Drillers' Names, Sam J. Grant & Joe Donigan

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
14						1665				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
14						1665				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/10	9000								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		14	14	El. 869.40
Sand	14	70	56	1 ft Coal 355'
Shale	70	225	155	reduced hole from 10"
Sand	225	355	130	to 8" at 356'
Shale	355	370	15	
Sand	370	440	70	Shale filled with soft sand
Shale	440	455	15	water at 1035'
Sand	455	585	130	
Shale	585	610	25	5 ft coal at 1410
Sand	610	690	80	
Shale	690	705	15	Drilling stopped and 22"
Sand	705	800	95	
Shale	800	870	70	Top of Bossa sand, reached
Sand	870	910	40	Jan 11 - 1910 sand filled
Shale	910	930	20	Jan 31 - 1910
Sand	930	945	15	
Soft sand	945	1605	660	
Shale	1605	1615	10	
Open shale	1615	1650	35	
Open cave	1650	1655	5	
Big shale	1655	1835	180	
Big open sand	1835	1900	65	
Bossa shale	1900	2325	425	
Open shale	2325	2346	21	
Bossa sand	2346	2367	21	
Pocket	2367	2370 1/2	3 1/2	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Record of Well No. 6 on Chlor Hill Farm Acres 5.5  
 Field Deval District Lincoln County W.V.  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced May 12 1910 Completed June 22 1910  
 Cost per foot. 1.10 Contractor Mc Bride & Mc Bride Address Parkersburg, W.V.  
 Drillers' Names E. J. Mc Miller & Jas. Dunningan

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 - 1/8 inch	4 1/2 inch
		<u>16</u>				<u>1735</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 - 1/8 inch	4 1/2 inch
		<u>16</u>				<u>1735</u>				

OIL WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>4/23/10</u>	<u>90qt.</u>								

GAS WELL

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Red Rock		<u>15</u>	<u>15</u>	<u>EI=949.41</u>
Slate & Shells	<u>15</u>	<u>150</u>	<u>135</u>	
Sand Shells	<u>150</u>	<u>315</u>	<u>165</u>	
Coal	<u>315</u>	<u>320</u>	<u>5</u>	
Sand & Silt	<u>320</u>	<u>700</u>	<u>380</u>	<u>Hole sawed in 330'</u>
Sand Shells	<u>700</u>	<u>1060</u>	<u>360</u>	
Slate	<u>1060</u>	<u>1080</u>	<u>20</u>	
Salt Sand	<u>1080</u>	<u>1686</u>	<u>606</u>	<u>Gas at 1085'</u>
Slate	<u>1686</u>	<u>1690</u>	<u>4</u>	<u>Water hole full 1100'</u>
Silt Silt	<u>1690</u>	<u>1721</u>	<u>31</u>	
Paral Cave	<u>1721</u>	<u>1725</u>	<u>4</u>	
Big Silt	<u>1725</u>	<u>1900</u>	<u>175</u>	
Shaly Sand	<u>1900</u>	<u>1975</u>	<u>75</u>	
Slate & Shells	<u>1975</u>	<u>2080</u>	<u>105</u>	
Silt Shells	<u>2080</u>	<u>2200</u>	<u>120</u>	
Slate & Shells	<u>2200</u>	<u>2405</u>	<u>205</u>	
Brown Shale	<u>2405</u>	<u>2424</u>	<u>19</u>	
Blue Sand	<u>2424</u>	<u>2446</u>	<u>22</u>	<u>Oil 2425</u>

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47,043-30573

Record of Well No. 7 on Oliver Hill Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 29 1911, Completed Aug 16 1911  
 Cost per foot, 1.15 Contractor Gowhey & Hummer, Drillers Address, Gowhey, W.V.  
 Drillers' Names, H. J. Robinson & Guy Souders

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/4 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	4 3/4 inch
<u>16</u>						<u>1886</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/4 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	4 3/4 inch
<u>16</u>						<u>1886</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/7/11</u>	<u>90 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil &amp; clay</u>		<u>16</u>	<u>16</u>	<u>EI-1072.24</u>
<u>Red Rock</u>	<u>16</u>	<u>76</u>	<u>60</u>	<u>Card 24' in Big Lime</u>
<u>Slate</u>	<u>76</u>	<u>126</u>	<u>50</u>	
<u>Sand</u>	<u>126</u>	<u>166</u>	<u>40</u>	<u>528' 10" hole</u>
<u>Slab</u>	<u>166</u>	<u>256</u>	<u>90</u>	
<u>Sand</u>	<u>256</u>	<u>316</u>	<u>60</u>	
<u>Slate</u>	<u>316</u>	<u>476</u>	<u>160</u>	
<u>Sand</u>	<u>476</u>	<u>520</u>	<u>44</u>	<u>hole full of water at 1942</u>
<u>Coal</u>	<u>520</u>	<u>574</u>	<u>4</u>	
<u>Slate &amp; sand</u>	<u>574</u>	<u>1140</u>	<u>616</u>	
<u>Slate</u>	<u>1140</u>	<u>1180</u>	<u>40</u>	
<u>Salt sand</u>	<u>1180</u>	<u>1825</u>	<u>645</u>	
<u>Slate</u>	<u>1825</u>	<u>1827</u>	<u>2</u>	
<u>Little Lime</u>	<u>1827</u>	<u>1857</u>	<u>30</u>	
<u>Pencil Lave</u>	<u>1857</u>	<u>1862</u>	<u>5</u>	
<u>Big Lime</u>	<u>1862</u>	<u>2042</u>	<u>180</u>	
<u>Big Limestone</u>	<u>2042</u>	<u>2127</u>	<u>85</u>	
<u>Slate</u>	<u>2127</u>	<u>2197</u>	<u>70</u>	
<u>Lime shells</u>	<u>2197</u>	<u>2272</u>	<u>75</u>	
<u>Lime</u>	<u>2272</u>	<u>2307</u>	<u>35</u>	
<u>Slate</u>	<u>2307</u>	<u>2537</u>	<u>230</u>	
<u>Brown shale</u>	<u>2537</u>	<u>2557</u>	<u>20</u>	
<u>Becca sand</u>	<u>2557</u>	<u>2577</u>	<u>20</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-30583

RECORD of Well No. 8 on Oliver Hill Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Dec 11 1911 Completed Jan 22 1912  
 Cost per foot, 1.15 Contractor, Mauhey & Inman Driller Address, Mauhey, W.V.  
 Drillers' Names A. J. Leonard & Guy Louden

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>14</u>						<u>1750</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>14</u>						<u>1750</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>1/26/12</u>	<u>80 gts.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Mud</u>		<u>14</u>	<u>14</u>	<u>based 10' in Big Lime</u>
<u>Red Arch</u>	<u>14</u>	<u>160</u>	<u>146</u>	<u>El = 941.45</u>
<u>Sand</u>	<u>160</u>	<u>190</u>	<u>30</u>	
<u>Slats</u>	<u>190</u>	<u>250</u>	<u>60</u>	
<u>Sand</u>	<u>250</u>	<u>320</u>	<u>70</u>	<u>350' of 10" hole</u>
<u>Slats</u>	<u>320</u>	<u>353</u>	<u>33</u>	
<u>Sand</u>	<u>353</u>	<u>390</u>	<u>37</u>	
<u>Coal</u>	<u>390</u>	<u>394</u>	<u>4</u>	
<u>Slats</u>	<u>394</u>	<u>459</u>	<u>65</u>	
<u>Sand</u>	<u>459</u>	<u>659</u>	<u>200</u>	
<u>Slats</u>	<u>659</u>	<u>719</u>	<u>60</u>	<u>Hole full of water at 1120</u>
<u>Sand</u>	<u>719</u>	<u>934</u>	<u>215</u>	
<u>Slats</u>	<u>934</u>	<u>1055</u>	<u>121</u>	
<u>Salt Sand</u>	<u>1055</u>	<u>1595</u>	<u>540</u>	<u>Shot 1 1/4 x 4 1/8 - 85 gts. Beren</u>
<u>Slats</u>	<u>1595</u>	<u>1601</u>	<u>6</u>	<u>" 6/24/26 - 150 gts.</u>
<u>Wagon Sand</u>	<u>1601</u>	<u>1696</u>	<u>95</u>	
<u>Slats</u>	<u>1696</u>	<u>1701</u>	<u>5</u>	
<u>Little Lime</u>	<u>1701</u>	<u>1736</u>	<u>35</u>	
<u>Peewee Coal</u>	<u>1736</u>	<u>1740</u>	<u>4</u>	
<u>Big Lime</u>	<u>1740</u>	<u>1925</u>	<u>185</u>	
<u>Big Lignite</u>	<u>1925</u>	<u>1990</u>	<u>65</u>	
<u>Slats</u>	<u>1990</u>	<u>2080</u>	<u>90</u>	
<u>Shells</u>	<u>2080</u>	<u>2150</u>	<u>70</u>	
<u>Lime Shells</u>	<u>2150</u>	<u>2185</u>	<u>35</u>	
<u>Slats</u>	<u>2185</u>	<u>2394</u>	<u>209</u>	
<u>Common shale</u>	<u>2394</u>	<u>2424</u>	<u>30</u>	
<u>Bona Sand</u>	<u>2424</u>	<u>2445</u>	<u>21</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 9 on Clear Hill Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 17 1912, Completed Aug 3 1912  
 Cost per foot, 1.16 Contractor Hawkey & Freeman Address, Hawkey, W.V.  
 Drillers' Names A. M. Ebel & F. L. McElhatten

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10-Inch	4 1/4 Inch
16						1700				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10-Inch	4 1/4 Inch
16						1700				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
8/12	80 gr.	2 m <sup>3</sup>	Shot	10 1/16 150 gr.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		16	16	ET= 91' 40"
Red Rock	16	90	74	
Sand	90	115	25	
Slate	115	170	55	
Sand	170	315	145	
Coal	315	320	5	
Sand	320	475	155	
Coal	475	480	5	
Slate	480	500	20	
Sand	500	610	110	
Slate	610	690	80	480' of 10" hole
Sand	690	760	70	
Slate	760	800	40	Gas at 1040'
Sand	800	860	60	
Slate	860	985	125	
Lime	985	1000	15	Hole full of water at 1085'
Slate	1000	1010	10	
Salt sand	1010	1650	640	
Little Lime	1650	1680	30	
Round cave	1680	1690	10	
Big Lime	1690	1870	180	
Big Limestone	1870	1950	80	
Shale	1950	2010	60	
Squaw	2010	2090	80	
Slate	2090	2357	267	
Burn Shale	2357	2381	24	
Bona sand	2381	2402	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30392

RECORD of Well No. 10 on Union Hill Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Oct 7 1912, Completed Dec 17 1912.  
 Cost per foot, 113 Contractor, Yuckey & Ferguson Oil Co. Address, Yuckey, W. Va.  
 Drillers' Names H. P. Peckham & Guy Landon

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1695</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1695</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roils	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>12/21/12</u>	<u>8 1/4</u>	<u>205</u>	<u>Shot</u>	<u>3217-12098</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Granitic</u>		<u>14</u>	<u>14</u>	<u>EI-886</u>
<u>Red Shale</u>	<u>14</u>	<u>60</u>	<u>46</u>	
<u>Shale</u>	<u>60</u>	<u>115</u>	<u>55</u>	
<u>Slate</u>	<u>115</u>	<u>190</u>	<u>75</u>	
<u>Sand</u>	<u>190</u>	<u>250</u>	<u>60</u>	
<u>Slate</u>	<u>250</u>	<u>250</u>	<u>30</u>	
<u>Sand</u>	<u>250</u>	<u>314</u>	<u>34</u>	
<u>Coal</u>	<u>314</u>	<u>320</u>	<u>6</u>	<u>320' 10" hole</u>
<u>Sand</u>	<u>320</u>	<u>477</u>	<u>157</u>	
<u>Coal</u>	<u>477</u>	<u>480</u>	<u>3</u>	
<u>Slate</u>	<u>480</u>	<u>500</u>	<u>20</u>	
<u>Sand</u>	<u>500</u>	<u>605</u>	<u>105</u>	
<u>Slate</u>	<u>605</u>	<u>650</u>	<u>45</u>	
<u>Sand</u>	<u>650</u>	<u>750</u>	<u>100</u>	<u>Hole filled with water at 1060</u>
<u>Slate</u>	<u>750</u>	<u>795</u>	<u>45</u>	
<u>Sand</u>	<u>795</u>	<u>840</u>	<u>45</u>	
<u>Slate</u>	<u>840</u>	<u>965</u>	<u>125</u>	
<u>Sand</u>	<u>965</u>	<u>990</u>	<u>25</u>	
<u>Salt Sand</u>	<u>990</u>	<u>1395</u>	<u>405</u>	
<u>Water Sand</u>	<u>1395</u>	<u>1630</u>	<u>235</u>	
<u>Slate</u>	<u>1630</u>	<u>1640</u>	<u>10</u>	
<u>Shale</u>	<u>1640</u>	<u>1671</u>	<u>31</u>	
<u>Reddish shale</u>	<u>1671</u>	<u>1677</u>	<u>6</u>	
<u>Big Sand</u>	<u>1677</u>	<u>1867</u>	<u>190</u>	
<u>Big Sand</u>	<u>1867</u>	<u>1932</u>	<u>65</u>	
<u>Slate</u>	<u>1932</u>	<u>2012</u>	<u>80</u>	
<u>Shale</u>	<u>2012</u>	<u>2097</u>	<u>85</u>	
<u>Slate</u>	<u>2097</u>	<u>2338</u>	<u>241</u>	
<u>Thin Shale</u>	<u>2338</u>	<u>2360</u>	<u>22</u>	
<u>Thin Sand</u>	<u>2360</u>	<u>2379</u>	<u>19</u>	<u>Abandoned</u> <u>Dec. 13, 1943</u>

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31040

RECORD of Well No. 11 on Clear Hill Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced April 17 1913 Completed May 26 1913  
 Cost per foot, 1.15 Contractor Gaucher & Ferguson Address Gaucher 400<sup>th</sup>  
 Drillers' Names E. J. Brown & E. H. Stillwagon

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 1/4 Inch	6 Inch	5 1/4 Inch	5 3-16 Inch	4 1/4 Inch
16						1690				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 1/4 Inch	6 Inch	5 1/4 Inch	5 3-16 Inch	4 1/4 Inch
16						1690				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roofs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
3/27/13	80 gal.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		16	16	
Slat	16	100	84	
Sand	100	150	50	
Slat	150	200	50	
Sand	200	350	150	
Slat	350	400	50	
Sand	400	570	170	
Slat	570	635	65	350' 10" hole
Sand	635	700	65	
Slat + shells	700	800	100	
Sand	800	900	100	
Silt	900	960	60	
Slat	960	1000	40	Hole full of water 1080'
Salt sand	1000	1640	640	
Silt Silt	1640	1675	35	
Lignit Covr	1675	1680	5	
Big Silt	1680	1860	180	
Big Silt	1860	1920	60	
Slat	1920	1990	70	
Silt shells	1990	2085	95	
Slat	2085	2353	270	
Green shale	2353	2375	20	
Bona sand	2375	2393	18	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30960

RECORD of Well No. 12 on Ullow-Shell Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced May 30 1914, Completed July 18 1914  
 Cost per foot, 1.15 Contractor, Jawkey & Frazee Dr. No. Address, Jawkey, W. Va.  
 Drillers' Names Frank Baislett & F. L. McWhattan

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
16						1705				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
16						1705				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/20/14	80 gr								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		16	16	ET-836
Sand	16	30	14	
Red Rock	30	40	10	
Slate	40	60	20	
Sand	60	120	60	
Slate	120	180	60	
Sand	180	320	140	
Coal	320	325	5	
Slate	325	340	15	385" 10" hole
Sand	340	380	40	
Coal	380	385	5	Gas in salt sand at 1025
Slate	385	400	15	
Sand	400	620	220	
Slate	620	700	80	
Sand	700	720	20	
Slate	720	760	40	Hole full of water at 1060
Sand	760	840	80	
Slate	840	1000	160	
Salt Sand	1000	1655	655	
Slate	1655	1660	5	
Little Limestone	1660	1690	30	Gas in Limestone 1900
Bevil Limestone	1690	1695	5	
Big Limestone	1695	1875	180	
" Limestone	1875	1965	90	
Slate	1965	2045	80	
Limestone shells	2045	2125	80	
Slate	2125	2285	160	
Limestone shells	2285	2341	56	
Brown shale	2341	2361	20	
Bona sand	2361	2382	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-31041

RECORD of Well No. 13 on Olive Hill Farm Acres Griffiths  
Wells Field, Dual District Lincoln County  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Dec 28 1915 Completed Feb 12 1916  
 Cost per foot, 1.15 Contractor Bone Drilling Co. Address, Sparks, W.V.  
 Drillers' Names M. D. Bridger & E. H. Hillenburg

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
16						1670				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
16						1670				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roofs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/11/16	80qt.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	El-87
Sand	16	200	184	
Slate	200	250	50	
Sand	250	370	120	Coal 370'
Coal	370	375	5	
Slate	375	425	50	
Sand	425	600	175	Reduced hole from 10" to 8"
Slate	600	700	100	at 375'
Sand	700	800	100	
Slate	800	900	100	
Sand	900	930	30	Hole full salt water at
Slate	930	970	40	1226'
Sand	970	1625	655	
Black Limestone	1625	1660	35	
Green Limestone	1660	1665	5	
White Limestone	1665	1845	180	
Shale	1845	1915	70	
Slate	1915	1975	60	
Shells	1975	2075	100	
Slate & Shells	2075	2334	259	
Brown Shale	2334	2354	20	
Brown Grit	2354	2375	21	

Shot 4-18-30-40qt. at 2364-2372' open flow

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043 - 30528

RECORD of Well No. 14 on Clear Hill Farm. Area White  
 Field, Dual District Lincoln County  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Apr 10 1916 Completed May 15 1916  
 Cost per foot, 1.15 Contractor, Bone Drilling Co Address, Yonkers NY  
 Drillers' Names C.H. Stillwagon, A.R. Delany

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
16				215		1375				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
16						1375				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/17/16	800T								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		30	30	EI=789.00
Sand	30	125	95	
Slate	125	210	85	
Coal	210	215	5	
Sand	215	400	185	
Slate	400	500	100	Gas 900'
Sand	500	530	30	
Sand	530	750	200	Hole full Salt Water at
Slate	750	880	130	935
Salt Sand	880	1330	650	
Black Lime	1330	1365	35	
Pencil Cave	1365	1570	5	
White Lime	1570	1750	180	
Green Sand	1750	1820	70	
Slate	1820	1900	80	
Shells	1900	1980	80	
Slate	1980	2242	262	
Brown Shale	2242	2262	20	
Bona Grit	2262	2282	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30569

RECORD of Well No. 15 on Olive Hill Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced May 24 1916 Completed June 28 1916  
 Cost per foot, 1.15 Contractor, Bone Drilling Co Address, Yarkey, W. Va.  
 Drillers' Names A. A. DeLong & A. M. Shanker

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
11						1645				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
11						1645				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
6/30/16	80gpt.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		11	11	
Sand	11	61	50	El-84469 Reduced hole from 10" to 8" at 350'
Shale	61	121	60	
Sand	121	221	100	
Shale	221	245	24	
Coal	245	250	5	
Sand	250	475	225	
Shale	475	530	75	Hole full salt water at 1075'
Sand	530	650	100	
Shale	650	750	100	
Sand	750	830	80	
Shale	830	900	70	
Sand	900	930	30	
Shale	930	970	40	
Salt Sand	970	1600	630	
Black Lime	1600	1635	35	
Concave	1635	1640	5	
White Lime	1640	1820	180	
Big Swum	1820	1880	60	
Shale	1880	1970	90	
Shells	1970	2070	100	
Shale	2070	2301	231	
Brown Shale	2301	2321	20	
Bona Grit	2321	2342	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection



47-043-30574

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. \_\_\_\_\_ Oil or Gas Well \_\_\_\_\_ (KIND)

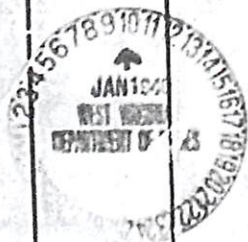
Company South Penn Natural Gas Co.  
 Address Parkersburg, W. Va.  
 Farm O. Hill Acres 112 1/2  
 Location (waters) \_\_\_\_\_  
 Well No. 16 Elev. \_\_\_\_\_  
 District Duval County Lincoln  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced Sept. 27, 1916  
 Drilling completed Nov. 2, 1916  
 Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
10			Kind of Packer
12			
10			Size of
8 3/4			
6% Gas		1600	Depth set
5 3/16			
2 Tubing		2286	Perf. top
			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Cond			--	11'			
Salt Sand			925	1560			
Little Lime			1560	1595			
Pencil Cave			1595	1600			
Big Lime			1600	1785			
Big Injun			1785	1840			
Brown Shale			2262	2282			
Berea			2282	2304			



RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of Environmental Protection

47-043 - 30564

RECORD of Well No. 17 on Oliver Hill Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District, \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced July 12, 1916 Completed Aug 23, 1916  
 Cost per foot, 1.15 Contractor Bone Drilling Co. Address, \_\_\_\_\_  
 Drillers' Names A.M. Shurlock & A.A. DeLong

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
12				325		1616				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
12						1616				

OIL WELL

GAS WELL

When Set	Size of Torpedo	1st Day's Production	Tubing	Roofs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
8/23/16	800T.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		12	12	EI=812.25
Sand	12	52	40	
Slate	52	100	48	
Sand	100	160	60	Hole full water 110'
Slate	160	250	90	
Sand	250	325	75	
Slate	325	400	75	
Sand	400	530	130	
Slate	530	625	95	
Sand	625	700	75	
Slate	700	790	90	
Sand	790	850	60	
Slate	850	915	65	
Sand	915	930	15	Hole full salt water 985'
Slate	930	940	10	
Salt Sand	940	1570	630	
Black Lime	1570	1605	35	
Pencil Carr	1605	1610	5	
Big Lime	1610	1790	180	
Baym Sand	1790	1850	60	
Slate	1850	1950	100	
Shells	1950	2075	125	
Slate	2075	2278	203	
Brown Shale	2278	2298	20	
Bona Int	2298	2319	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-31042

RECORD of Well No. 18 on Oliver Hill Farm Acres  
 Field, Oliver District Luverne County W Va  
 Rig Commenced July 13 1917, Completed July 23 1917  
 Drilling Commenced July 24 1917, Completed Sept 1 1917  
 Cost per foot, Contractor, Brown & Berg Co Address,  
 Drillers' Names

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
14						1705				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
14						1705				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roils	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
9-3-17	80 lbs	5 bbls							

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		14		EI= 904 23
Sand	14	50		
Slate	50	100		
Sand	100	200		
Slate	200	350		
Coal	350	355		
Slate	355	375		
Sand	375	400		
Slate	400	458		
Sand	458	630		
Slate	630	770		
Sand	770	805		
Slate	805	960		
Sand	960	995		
Slate	995	1030		
Sand	1030	1660		
Slate	1660	1663		
Little Linn	1663	1693		
Bevil Cove	1693	1698		
Big Linn	1698	1888		
Linn Sand	1888	1953		
Slate	1953	2018		
shells	2018	2168		
Slate	2168	2365		
Brown shale	2365	2385		
Bella Sand	2385	2403	2385	
Total depth		2403	2403	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043 - 31043

RECORD of Well No. 19 on Oliver Hill Farm Area  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced June 7, 1917 Completed July 10, 1917  
 Cost per foot, 1.23 Contractor Bone Drilling Co Address, Yankey, W. Va.  
 Drillers' Names J. H. Hayes & A. B. DeLong

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 1/2 Inch
14						1665				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 1/2 Inch
14						1665				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/12/17	8000								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay		14	14	
Sand	14	100	86	
Shale	100	140	40	
Sand	140	250	110	
Shale	250	300	50	
Sand	300	350	50	
Coal	350	355	5	
Shale	355	390	35	Hole reduced 10" hole 365'
Sand	390	600	210	
Shale & Shells	600	940	340	
Salt sand	940	1600	660	Hole full water 1020'
Shale	1600	1625	25	
Redd Lime	1625	1655	30	
Pencil Lave	1655	1660	5	
Big Lime	1660	1850	190	
Iron sand	1850	1915	65	
Shale	1915	1980	65	
Shells	1980	2130	150	
Shale & Shells	2130	2319	189	
Brown shale	2319	2339	20	
Bona sand	2339	2359	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection



47-043-30446

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. \_\_\_\_\_ ABANDONMENT Oil or Gas Well OIL  
(KIND)

Company UNITED FUEL GAS CO.  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm Cordelia Holton Acres 30  
Location (waters) Br. of Tango  
Well No. 1 Elev. 1075.3  
District Duval County Lincoln  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Cordelia Holton  
Hamlin Address West Virginia  
Drilling commenced Not Given  
Drilling completed 12-17-08  
Date Shot 5-10-10 From \_\_\_\_\_ To \_\_\_\_\_  
With 2-11-12 100, & 110 Qts.  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil 8 \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water 1220 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10			Size of
8 3/4			
6 3/4	1870'	1870'	Depth set
5 3/16	1950'	1950'	
3			Perf. top
2 Tubing		2584'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand			1175	1830	Gas	1183	
Little Lime			1830	1867	Water	1220	
Big Lime			1867	2060	Gas	1340	
Injun			2060	2120			
Slate & Shells			2120	2541			
Black Slate			2541	2561			
Berea			2561	2584			
Total Depth:				2584'			



RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

47-043-30192

Production \_\_\_\_\_ Barea Sand Bbls. Approved.  
 First 24 Hours from \_\_\_\_\_ Sand Bbls. By \_\_\_\_\_ Supt.

**Cordelia Holten** Farm, No. of Lease **75040** No. Acres.  
**Duval** District **Lincoln** County **West Virginia** State.  
 Well No. **Two** Date of Location **19**  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ } Contractor.  
 Rig Completed \_\_\_\_\_ 19 \_\_\_\_\_ }  
 Drilling Commenced **March 14th, 1910** } **G.I. Titus & Company, Contractor.**  
 Drilling Completed **April 25th, 1910** }

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
6-5/8 5 3/4	1885 1922		1885 1922		1885		1885 1922		<del>1885</del>					

FORMATION TOP BOTTOM THICKNESS SHOT RECORD

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD								
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot		
Salt Sand	1170	1673										
Little Lime	1635	1673		10	25	10	90					
Pencil Cave	1671	1679										
Big Lime	1680	2065										
Big Injun Sand	2065	2115										
Slate & Shells	2115	2215										
Black Lime	2215	2295										
Slate & Shells	2295	2523										
Coffee Slate	2523	2543										
Berea Sand	2543	2565										

REMARKS:  
 Gas in Salt Sand at 1185'  
 Water in Salt Sand at 1290'

Abandoned  
 Sep. 6-1939.

ABANDONED

Size	Casing Pulled	Casing Left In

REMARKS: E=1061.80

Total Depth, **2565**

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47.043 - 30447

Production } Berea Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Supt.

Cordelia Holton Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
Duval District Lincoln County West Virginia State.

Well No. Three Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } \_\_\_\_\_ Contractor.  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }  
 Drilling Commenced September 10th, 19 10 } G.L. Titus & Company. Contractor.  
 Drilling Completed October 22nd, 19 10 }

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
6-5/8	1763		1763		1763				1763					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD											
				Month	Day	Tr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot					
Red Rock		160													
Sand & Slate	160	596		10	25	10	60								
Coal	596	600													
Slate & Sand	600	1075													
Salt Sand	1075	1680													
Maxon Sand	1680	1720													
Little Lime	1720	1750													
Pencil Cave	1750	1755													
Big Lime	1755	1955													
Big Injun Sand	1945	1995													
Black Sand	1995	2015													
Slate	2015	2110													
Black Lime	2110	2190													
Berea Sand	2453	2471													
Total Depth.				2471											

REMARKS:  
 Water in Salt Sand at 1157'  
 Gas & Water in Salt Sand at 1100'

ABANDONED \_\_\_\_\_ 19\_\_\_\_

Size	Casing Pulled	Casing Left In

REMARKS: El = 977.06

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30722

RECORD of Well No. 5 on R. L. Huffmann Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Dec 26 1912, Completed Feb 24 1913  
 Cost per foot, 1.15 Contractor, Mauchey & Furman, Dist Co Address, Mauchey, WV  
 Drillers' Names W. E. Williams & J. L. McElhatten

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
15						1765				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
15						1765				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
2/25/13	600								

FORMATION TOP BOTTOM THICKNESS REMARKS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		15	15	EI= 968.7-
Red Rock	15	75	60	
Slate	75	140	65	
Sand	140	220	80	
Slate	220	340	120	
Sand	340	415	75	
Coal	415	420	5	
Slate	420	430	10	
Sand	430	580	150	420'-10" hole
Slate	580	600	20	
Sand	600	740	140	
Slate	740	800	60	
Sand	800	860	60	
Slate + shells	860	1050	190	
Salt sand	1050	1720	670	Hole full of water at 1100'
Slate	1720	1725	5	
Little lime	1725	1757	32	
Small lime	1757	1760	3	
Big lime	1760	1940	180	
Big lime	1940	2000	60	Shot 2/31/26-80ft
Slate	2000	2060	60	
lime shells	2060	2140	80	
Slate	2140	2360	220	
lime shells	2360	2380	20	
Slate	2380	2435	55	
Brown shale	2435	2455	20	
Brown sand	2455	2476	21	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-02126

Case No. 7122 Acres 83 Farm Name R. L. Huffman Well No. (6)  
~~Map 12.5 W 1 M NE from York Waters of Bear Fork of Straight Fork of Middle Fork of Mad River~~

N. S. 81 E. W. ~~76~~ Location Made Purchased From Big Creek  
 City District Duval Rig Completed Date Purchased  
 County Lincoln Dr'g Commenced Mar. 8, 1913 Sold To  
 State W. Va. Dr'g Completed April 29, 1913 Cost per ft. 1-15/100  
 Dr'g Contractor Yawkey-Freeman Dr'g Co. Date Abandoned

FORMATION					CASING RECORD				
Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Casing (Steel Line)	Put In Well (Tally Meas.)	Pulled (Tally Meas.)	Cemented
alt Sand	1025	1695			Cond.		12'		Date
ittle Lime	1700	1730			6-5/8		1740		Size Csg.
encil Cave	1730	1735			5-3/16		1771	S.L. 12-24-30	Top
ig Lime	1735	1920							Bot. "
ig Injun	1920	1980							
rown Shale	2395	2416							
erea	2416	2436							

PACKERS AND SHOES			
Kind	Size	Depth Set	Date Set
	5-3/16 x 6-5/8		

TORPEDO RECORD					
Date	No. Qts.	Size Shell	Top Shot	Bottom	Results
4-30-1913	80		2418	2434	

DRILLING DEEPER				
Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD					
Filled With	From	To	PLUG		
			Size	Kind	Depth

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Prod.	Sand	* At Completion	* 30 Days After	*
Oil	Berea	20 Brls.		
Gas				

APPROVED \_\_\_\_\_

R.L. Huffman #26

47-043-02126

REPAIRS TO WELL

menced	Completed	DRILLED DEEPER		Shot (No. Quarts)	TESTS BEFORE		TESTS AFTER		ROCK PRESSURE		Remarks
		From	To		Oil	Gas	Oil	Gas	Before	After	

VOLUME AND PRESSURE TESTS

Date	Reading	Liquid	Opening	Tubing or Casing	Line Pressure	MINUTES							Rock Pressure	Time (Hours)	Volume	Sand
						1	2	3	4	5	10	30				

PRODUCTION

REMARKS

Year	Barrels	Year	Barrels

380' 10" hole. May 1, 1917 18# sledge in 10" hole outside of 6-5/8 casing dropped by roustabouts 2-21-1917 top Kiner 2055 1/2 bottom of liner 2414 Jan. 1917 1-4 1/2" bit 5' long left in bottom of sand casing record shows 359' of 5-3/16 casing which must have been pulled out when string of 5-3/16 casing was run

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043-31269

RECORD of Well No. 7 on R. H. Huffman Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Nov 20 1913 Completed Jan 9 1914  
 Cost per foot, 1.15 Contractor, Hendy & Thomas Inc Address, York, W. Va.  
 Drillers' Names E. H. McKinney & W. W. Campbell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
14						1685				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
14						1685				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/2/14	80gk								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductors		14	14	EI=893 96
Slate	14	100	86	
Sand	100	150	50	
Slate	150	250	100	
Sand	250	350	100	
Slate	350	400	50	350' 10" hole
Sand	400	490	90	
Slate	490	670	180	
Sand lime shells	670	970	300	
Salt sand	970	1625	655	
Slate	1625	1635	10	
Little lime	1635	1670	35	
Conc. Cover	1670	1675	5	5' hole full of water at 104
Big lime	1675	1835	160	
Big lime	1835	1915	60	
Slate	1915	1985	70	
Lime shells	1985	2110	125	
Slate	2110	2355	245	
Thin shale	2355	2375	20	
Bona sand	2375	2395	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30742

RECORD of Well No. 8 on R. L. Huffman Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced July 29 1913, Completed Sept 17 1913  
 Cost per foot, 1.15 Contractor, Yowhey & Thomas Drilling Address, Yowhey WV  
 Drillers' Names E. L. Stillwagon + M. D. Meddall

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
14						1790				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
14						1790				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
9/19/13	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		14	14	E.L. 985
Red Rock	14	50	36	
Shale	50	100	50	
Sand	100	150	50	300' of 10" hole.
Shale & shells	150	250	100	
Sand	250	300	50	
Shale	300	400	100	
Sand & Shale	400	850	450	
Shale	850	1020	170	
Salt Sand	1020	1730	710	
Shale	1730	1745	15	
Little Lime	1745	1780	35	Hole full of water 1170'
Conc. Cave	1780	1785	5	
Big Lime	1785	1970	185	
Big Limestone	1970	2035	65	
Shale	2035	2095	60	
Squaw shells	2095	2180	85	
Shale	2180	2400	220	Shot 10/29/16 - 40 gr.
Lime shell	2400	2440	40	
Brown shale	2440	2463	23	
Bona sand	2463	2483	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043 - 30837

Record of Well No. 1 on W. B. King's Farm Acres 1.5  
 Field, Dural District Letcher County, W. Va.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Aug 2 1910, Completed Sept 14 1910  
 Cost per foot, 1.10 Contractor, Miller Bros. Address, Spawkey, W. Va.  
 Drillers' Names, S. C. Lybrandt & E. L. Stillwagon

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 inch	5 1/2 inch	5 x 10 inch	4 1/2 inch
16						1707				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 inch	5 1/2 inch	5 x 10 inch	4 1/2 inch
16						1707				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
9/16/10	80 pt.	2nd shot 7/25/10	100 gr.						

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	reduced 10" hole to 8" at 285' No 8" casing used
Slate	16	75	59	
Sand	75	100	25	
Slate	100	170	70	
Sand	170	200	30	3' coal at 255'
Slate	200	230	30	
Sand	230	380	150	hole full of water at 1020'
Slate	380	390	10	
Sand	390	450	60	
Slate	450	470	20	E1-913.23
Sand	470	500	30	
Slate	500	530	30	
Sand	530	600	70	
Slate	600	700	100	
Sand	700	750	50	
Slate	750	800	50	
Sand & slate	800	1000	200	
Salt Sand	1000	1670	670	
Little Limestone	1670	1690	20	
Round	1690	1695	5	
Big Limestone	1695	1865	170	
Sand	1865	1935	70	
Brown Shale	1935	2363	428	
Brown Shale	2363	2385	22	
Brown	2385	2405	20	

Shot 8/8/15 - 120 lbs. Powder  
 Result - a few blows

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30596

RECORD of Well No. 2 on W.C. Stinson Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_ ✓  
 Drilling Commenced Oct 6 1910, Completed Nov 19 1910  
 Cost per foot, 1.10 Contractor, Wider Bros Address, Spawky, W.V.  
 Drillers' Names, E.L. Stillingham & S.C. Sylvania

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 x 5 inch	4 3/4 inch
16				256		1675				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 x 5 inch	4 3/4 inch
16						1675				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/20/10	80 pt.	2 1/2 gal	7 1/2" 13	110 gal					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Gravel		12	12	
Shale	12	16	4	
Sand	16	85	69	Water line full 65'
Shale	85	140	55	
Sand	140	170	30	
Shale	170	220	50	
Sand	220	240	20	
Shale	240	260	20	Local 3' at 260'
Sand	260	470	310	
Shale	470	500	30	
Sand	500	640	140	
Shale & Shells	640	680	40	
Sand	680	720	40	
Shale	720	850	130	
Sand	850	900	50	Water at 860'
Shale	900	940	40	
Sand	940	970	30	
Shale	970	1010	40	
Walt Sand	1010	1615	605	Water full water at 1030'
Shale	1615	1625	10	
Black lime	1625	1670	45	
Pyrite	1670	1675	5	
Big lime	1675	1845	170	
Thin Sand	1845	1945	100	
Bona Shale	1945	2344	399	
Bona Shale	2344	2364	20	
Bona Sand	2364	2383	19	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

NO 1

RECORD of Well No. 3 on W. C. Mungary Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Feb 14 1911 Completed March 29 1911  
 Cost per foot, 1.75 Contractor, Parsons Insurance Co. Address, York, W. Va.  
 Drillers' Names, P. J. Bury & J. D. Bortley

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	6 inch	5 1/2 inch	4 3/4 inch
16						1735'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	6 inch	5 1/2 inch	4 3/4 inch
16						1735'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
4/11	80 lb.	2 1/2 bbls	90 ft	90 ft	3 1/2	150 ft			

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil - clay		16	16	L1 = 533.31
Sand	16	56	40	
Sand	56	76	20	
Slat & shells	76	160	84	
Sand	160	163	3	
Sand	163	203	40	
Slat	203	283	80	
Sand	283	320	37	
Sand	320	324	4	
Slat	324	384	60	
Sand	384	464	80	
Slat	464	535	71	
Sand	535	540	5	
Slat & sand	540	990	450	
Slat	990	1030	40	Well full of water at 1100
Sand	1030	1665	635	
Slat	1665	1680	15	
Sand	1680	1715	35	
Blue clay	1715	1720	5	Gas in line at 1870
Blue clay	1720	1905	185	
Sand	1905	1975	70	
Slat	1975	2030	55	
Slat	2030	2120	90	
Slat	2120	2315	195	
Slat & shells	2315	2385	70	
Brown shale	2385	2407	22	
Brown sand	2407	2427	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30839

Record of Well No. 4 on W. C. Stringer Farm, Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced April 10 1911, Completed May 20 1911  
 Cost per foot, 1.15 Contractor, Yarbo & Thomas Drilling, Address, Yarbo, W. Va.  
 Drillers' Names, P. J. ... J. D. Bentley

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/2 Inch	5 1/2 Inch	4 1/2 Inch
14						11 7/8				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	6 1/2 Inch	5 1/2 Inch	4 1/2 Inch
14						11 7/8				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1st	900								
FORMATION	TOP	BOTTOM	THICKNESS	REMARKS					

14		14	14	21-507.77					
14		34	40						
14		54	60	240' of 10" hole					
14		114	80						
14		194	56						
14		250	5						
14		255	60	Water enough to fill with					
14		315	60	at 475'					
14		375	65						
14		440	3						
14		443	32						
14		475	5	100' free of water at 1030'					
14		480	440						
14		920	40						
14		960	644						
14		1604	10	Gas 100' in Dry since					
14		1614	38						
14		1652	5						
14		1657	155						
14		1842	75						
14		1917	60						
14		1977	110						
14		2087	160						
14		2247	70						
14		2317	20						
14		2337	20						

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30619

RECORD of Well No. 5 on W. C. Shingy Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Aug 9 1911 Completed Oct 5 1911  
 Cost per foot, 1.15 Contractor, Shingy & Thomas Drills, address, Jewkes, W. Va.  
 Drillers' Names, P. J. Shingy & J. D. Bentley

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch	4 inch
<u>16</u>						<u>1850</u>					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch	4 inch
<u>16</u>						<u>1850</u>					

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Reels	Size of Packer	Depth Set	Tubing	1st Static Pressure	1st Rock Pressure
<u>10/9/11</u>	<u>90 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Silt &amp; clay</u>		<u>16</u>	<u>16</u>	<u>Case 10' in Big Line</u>
<u>Slate</u>	<u>16</u>	<u>36</u>	<u>20</u>	
<u>Ch. Rock</u>	<u>36</u>	<u>96</u>	<u>60</u>	<u>E1: 1000.27</u>
<u>Sand</u>	<u>96</u>	<u>136</u>	<u>40</u>	
<u>Slate</u>	<u>136</u>	<u>216</u>	<u>80</u>	
<u>Sand</u>	<u>216</u>	<u>256</u>	<u>40</u>	
<u>Slate</u>	<u>256</u>	<u>381</u>	<u>125</u>	
<u>Sand</u>	<u>381</u>	<u>431</u>	<u>50</u>	
<u>Slate</u>	<u>431</u>	<u>460</u>	<u>29</u>	
<u>Coal</u>	<u>460</u>	<u>463</u>	<u>3</u>	
<u>Slate &amp; Sand</u>	<u>463</u>	<u>640</u>	<u>177</u>	<u>500' of 10" hole</u>
<u>Coal</u>	<u>640</u>	<u>644</u>	<u>4</u>	
<u>Sand &amp; Slate</u>	<u>644</u>	<u>1150</u>	<u>506</u>	
<u>Salt Sand</u>	<u>1150</u>	<u>1770</u>	<u>620</u>	<u>Hole full of water at 1220</u>
<u>Slate</u>	<u>1770</u>	<u>1796</u>	<u>26</u>	
<u>with lime</u>	<u>1796</u>	<u>1836</u>	<u>40</u>	
<u>Crucial Layer</u>	<u>1836</u>	<u>1840</u>	<u>4</u>	
<u>Big Lime</u>	<u>1840</u>	<u>2025</u>	<u>185</u>	<u>Gas 100' in Big Line</u>
<u>Big Limestone</u>	<u>2025</u>	<u>2095</u>	<u>70</u>	
<u>Slate</u>	<u>2095</u>	<u>2175</u>	<u>80</u>	
<u>Lime Shells</u>	<u>2175</u>	<u>2350</u>	<u>175</u>	
<u>Slate</u>	<u>2350</u>	<u>2520</u>	<u>170</u>	
<u>Brown Shale</u>	<u>2520</u>	<u>2540</u>	<u>20</u>	
<u>Bona Sand</u>	<u>2540</u>	<u>2561</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30619

RECORD of Well No. 6 on W. C. Murray Farm. Acres  
 Field, District County  
 Rig Commenced. 19 11 Completed 1912  
 Drilling Commenced. Dec 11 1911 Completed Jan 31 1912  
 Cost per foot, 1.15 Contractor Hawkey & Harrison Oil Co. Address Gawkey, W. Va.  
 Drillers' Names Harry White & W. E. Hollerman

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1910</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
						<u>1910</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	1000 Pressure
<u>3/2/12</u>	<u>8000</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Sand to</u>		<u>40</u>	<u>40</u>	<u>151 = 1101.</u>
<u>Shale</u>	<u>40</u>	<u>205</u>	<u>165</u>	
<u>Coal</u>	<u>204</u>	<u>207</u>	<u>3</u>	<u>640' of 10" hole</u>
<u>Red Rock</u>	<u>207</u>	<u>255</u>	<u>48</u>	
<u>Sand</u>	<u>255</u>	<u>500</u>	<u>245</u>	
<u>Coal</u>	<u>500</u>	<u>506</u>	<u>6</u>	
<u>Sand</u>	<u>506</u>	<u>520</u>	<u>14</u>	
<u>Shale</u>	<u>520</u>	<u>575</u>	<u>55</u>	
<u>Sand</u>	<u>575</u>	<u>660</u>	<u>85</u>	
<u>Coal</u>	<u>660</u>	<u>667</u>	<u>7</u>	<u>Gas &amp; 1 bbl Water.</u>
<u>Sand</u>	<u>667</u>	<u>815</u>	<u>148</u>	
<u>Shale</u>	<u>815</u>	<u>890</u>	<u>75</u>	
<u>Sand</u>	<u>890</u>	<u>990</u>	<u>100</u>	
<u>Shale</u>	<u>990</u>	<u>1080</u>	<u>90</u>	
<u>Sand</u>	<u>1080</u>	<u>1120</u>	<u>40</u>	
<u>Shale</u>	<u>1120</u>	<u>1140</u>	<u>20</u>	
<u>Salt Sand</u>	<u>1140</u>	<u>1825</u>	<u>685</u>	<u>Hole full of water 1765'</u>
<u>Shale</u>	<u>1825</u>	<u>1828</u>	<u>3</u>	
<u>Wet br. sand</u>	<u>1828</u>	<u>1835</u>	<u>7</u>	
<u>Shale</u>	<u>1835</u>	<u>1840</u>	<u>5</u>	
<u>Little Lime</u>	<u>1840</u>	<u>1889</u>	<u>49</u>	
<u>Pencil</u>	<u>1889</u>	<u>1890</u>	<u>1</u>	
<u>Big Lime</u>	<u>1890</u>	<u>2075</u>	<u>185</u>	<u>Gas 1970'</u>
<u>Lime</u>	<u>2075</u>	<u>2165</u>	<u>90</u>	
<u>Shale</u>	<u>2165</u>	<u>2200</u>	<u>35</u>	
<u>Squaw</u>	<u>2200</u>	<u>2280</u>	<u>80</u>	
<u>Shale</u>	<u>2280</u>			
<u>Bona</u>	<u>2571</u>	<u>2591</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-643-30840

RECORD of Well No. 7 on W. C. Higgins Farm. Acres Eight  
 Field, Dual District Lincoln County  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Jan 23 1913, Completed March 12 1913  
 Cost per foot, 1.10 Contractor Welder Bros Address, Young, W. Va  
 Drillers' Names D. H. Thuman & J. M. Bennett

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>13</u>						<u>1858</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>13</u>						<u>1858</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>3/15/13</u>	<u>60 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Silt</u>		<u>10</u>	<u>10</u>	
<u>Sand</u>	<u>10</u>	<u>83</u>	<u>73</u>	<u>10" hole 360'</u>
<u>Red Rock</u>	<u>83</u>	<u>110</u>	<u>27</u>	
<u>Shale</u>	<u>110</u>	<u>140</u>	<u>30</u>	
<u>Red Rock</u>	<u>140</u>	<u>440</u>	<u>300</u>	
<u>Sand</u>	<u>440</u>	<u>640</u>	<u>200</u>	
<u>Coal</u>	<u>640</u>	<u>642</u>	<u>2</u>	
<u>Shale</u>	<u>642</u>	<u>683</u>	<u>41</u>	
<u>Coal</u>	<u>683</u>	<u>687</u>	<u>4</u>	
<u>Sand</u>	<u>687</u>	<u>787</u>	<u>100</u>	<u>Water enough to drill with</u>
<u>Sand</u>	<u>787</u>	<u>867</u>	<u>80</u>	<u>in sand from 687' to 787'</u>
<u>Sand</u>	<u>867</u>	<u>927</u>	<u>60</u>	
<u>Shale</u>	<u>927</u>	<u>1007</u>	<u>80</u>	
<u>Sand</u>	<u>1007</u>	<u>1052</u>	<u>45</u>	
<u>Sand</u>	<u>1052</u>	<u>1155</u>	<u>103</u>	
<u>Black Sand</u>	<u>1155</u>	<u>1180</u>	<u>25</u>	
<u>Soft sand</u>	<u>1180</u>	<u>1800</u>	<u>620</u>	<u>Hole filled up at 1180'</u>
<u>Black Sand</u>	<u>1800</u>	<u>1835</u>	<u>35</u>	
<u>Pencil Shale</u>	<u>1835</u>	<u>1848</u>	<u>13</u>	
<u>Big Sand</u>	<u>1848</u>	<u>2028</u>	<u>180</u>	
<u>Green Sand</u>	<u>2028</u>	<u>2093</u>	<u>65</u>	
<u>Shale, shells + shale</u>	<u>2093</u>	<u>2500</u>	<u>407</u>	
<u>Brown shale</u>	<u>2500</u>	<u>2531</u>	<u>31</u>	
<u>Brown sand</u>	<u>2531</u>	<u>2553</u>	<u>22</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30841

RECORD of Well No. 8 on W. C. Stungny Farm Acres           
 Field          District          County           
 Rig Commenced          19          Completed          19           
 Drilling Commenced March 22 1913, Completed May 17 1913  
 Cost per foot 1.10 Contractor W. B. Bennett Address Grandway, W. Va.  
 Drillers' Names D. H. Moore, J. M. Bennett, J. H. Thompson

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1888</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1888</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/21/13</u>	<u>80 gr.</u>	<u>2nd Shot 1300 90 gr.</u>							

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Shale &amp; shales</u>		<u>10</u>	<u>10</u>	<u>10" hole 400'</u>
<u>Sand</u>	<u>10</u>	<u>225</u>	<u>215</u>	
<u>Shale &amp; shales</u>	<u>225</u>	<u>300</u>	<u>75</u>	<u>21 = 10'</u>
<u>Sand</u>	<u>300</u>	<u>430</u>	<u>130</u>	
<u>Shale &amp; shales</u>	<u>430</u>	<u>625</u>	<u>195</u>	
<u>Sand</u>	<u>625</u>	<u>700</u>	<u>75</u>	
<u>Shale</u>	<u>700</u>	<u>780</u>	<u>80</u>	
<u>Sand</u>	<u>780</u>	<u>880</u>	<u>100</u>	
<u>Shale</u>	<u>880</u>	<u>1000</u>	<u>120</u>	
<u>Sand</u>	<u>1000</u>	<u>1140</u>	<u>140</u>	
<u>Shale</u>	<u>1140</u>	<u>1165</u>	<u>25</u>	
<u>Sand</u>	<u>1165</u>	<u>1200</u>	<u>35</u>	
<u>Sand</u>	<u>1200</u>	<u>1843</u>	<u>643</u>	<u>hole full of water at 1245'</u>
<u>Black lime</u>	<u>1843</u>	<u>1875</u>	<u>32</u>	
<u>Orange shale</u>	<u>1875</u>	<u>1880</u>	<u>5</u>	
<u>White lime</u>	<u>1880</u>	<u>2065</u>	<u>185</u>	<u>Gas at 2040'</u>
<u>Sand</u>	<u>2065</u>	<u>2130</u>	<u>65</u>	
<u>Shale &amp; shales</u>	<u>2130</u>	<u>2530</u>	<u>400</u>	
<u>Brown shale</u>	<u>2530</u>	<u>2563</u>	<u>33</u>	
<u>Bona sand</u>	<u>2563</u>	<u>2581</u>	<u>18</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30895

RECORD of Well No. 9 on W.B. Hungary Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Sept 9 1913, Completed Oct 20 1913  
 Cost per foot, 115 Contractor, Boone Drilling Co. Address, Yorkway, W.V.  
 Drillers' Names J. H. Klaus G. E. Dumbell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10 Inch	4 3/4 Inch
<u>16</u>						<u>1960</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1960</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>10/20/13</u>	<u>80 gal.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Arch</u>	<u>00</u>	<u>16</u>	<u>16</u>	<u>Water to drill with</u>
<u>Slate</u>	<u>16</u>	<u>76</u>	<u>60</u>	<u>260'</u>
<u>Sand</u>	<u>76</u>	<u>140</u>	<u>64</u>	<u>Reduced hole 335'</u>
<u>Slate</u>	<u>140</u>	<u>230</u>	<u>110</u>	<u>2' Coal 340'</u>
<u>Sand</u>	<u>230</u>	<u>333</u>	<u>283</u>	
<u>Slate</u>	<u>333</u>	<u>350</u>	<u>15</u>	
<u>Sand</u>	<u>350</u>	<u>640</u>	<u>90</u>	<u>Hole full water 1320'</u>
<u>Slate</u>	<u>640</u>	<u>840</u>	<u>200</u>	
<u>Sand</u>	<u>840</u>	<u>960</u>	<u>120</u>	
<u>Slate</u>	<u>960</u>	<u>1050</u>	<u>90</u>	
<u>Sand</u>	<u>1050</u>	<u>1150</u>	<u>100</u>	
<u>Slate</u>	<u>1150</u>	<u>1220</u>	<u>70</u>	
<u>Salt sand</u>	<u>1220</u>	<u>1855</u>	<u>635</u>	
<u>Slate</u>	<u>1855</u>	<u>1865</u>	<u>10</u>	
<u>Wagon sand</u>	<u>1865</u>	<u>1895</u>	<u>90</u>	<u>30'</u>
<u>Slate</u>	<u>1895</u>	<u>1910</u>	<u>15</u>	
<u>Black lime</u>	<u>1910</u>	<u>1950</u>	<u>40</u>	
<u>Recess cave</u>	<u>1950</u>	<u>1955</u>	<u>5</u>	
<u>Big lime</u>	<u>1955</u>	<u>2140</u>	<u>185</u>	
<u>Big lime</u>	<u>2140</u>	<u>2225</u>	<u>85</u>	
<u>Slate &amp; shells</u>	<u>2225</u>	<u>2600</u>	<u>375</u>	
<u>Brown shale</u>	<u>2600</u>	<u>2614</u>	<u>14</u>	
<u>Bona grit</u>	<u>2614</u>	<u>2637</u>	<u>23</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043-30261

RECORD of Well No. 10 on W. C. Higgins Farm Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Oct 28 1913 Completed Dec 12 1913  
 Cost per foot, 1.15 Contractor, Boone Drilling Co Address, Yorkway, W. Va.  
 Drillers' Names J. A. Hauer & G. E. Campbell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
16							2045			

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
16						2045	pulled			

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
12/15/13	8001								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	water to drill with 690
Red Rock	16	75	59	
Silt	75	130	55	Reduced hole 480
Sand	130	170	40	from 10" to 8"
Shale	170	185	15	
Sand	185	250	65	hole full of salt water
Shale	250	480	230	at 1400
Sand	480	520	40	
Shale	520	690	170	ET = 12.5
Sand	690	790	100	
Shale	790	850	60	
Sand	850	900	50	
Shale	900	970	70	
Sand	970	1070	100	
Shale	1070	1230	160	
Sand	1230	1270	40	
Shale	1270	1300	30	
Salt sand	1300	1935	635	
Shale	1935	1945	10	
Marion sand	1945	1980	35	
Shale	1980	2000	20	
Black lime	2000	2030	30	
Pencil layer	2030	2035	5	
White lime	2035	2220	185	
Big lime	2220	2305	85	
Shale	2305	2680	375	
Brown shale	2680	2695	15	
Bona sand	2695	2715	20	

Abandoned  
 10/1/41

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47.043 - 30842

RECORD of Well No. 11 on W.C. Kingway Farm Acres 3.66  
 Field, District, County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Mich 14 1916 Completed May 22 1916  
 Cost per foot, 1.15 Contractor Benn Drilling Co. Address, Chambers Mt.  
 Drillers' Names M. E. Poyner & J. W. Starnes

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
16				300		1763				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
16				300		1763				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/24/16	80#	2.25 bbl	8 1/2	130 9/16					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		16	16	
Sand	16	56	30	3 Bails water at 195'
Red Brack	56	86	30	
Sand	86	100	14	4 Bails water at 555'
Slate	100	170	70	
Sand	170	210	40	
Slate	210	240	30	Hole full salt water at 440'
Sand	240	300	60	
Slate	300	390	90	
Sand	390	470	80	
Slate	470	530	80	
Coal	530	535	5	
Sand	535	625	70	
Slate	625	700	75	
Sand	700	760	60	
Slate	760	830	90	
Large Stone	830	875	25	
Slate	875	1075	200	
Salt Sand	1075	1700	625	
Slate	1700	1706	6	
Waxy sand	1706	1716	10	
Slate	1716	1721	5	
with lime	1721	1754	33	
Conc. Carr	1754	1757	3	
Big Lime	1757	1937	180	
Big Limestone	1937	1997	60	
Shells	1997	2057	60	
Shells	2057	2217	160	
Slate	2217	2422	205	
Brown shale	2422	2442	20	
Bena Grit	2442	2463	21	

51 = 563.7

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30843

RECORD of Well No. 12 on W. B. Stinson Farm Acres 5 1/2  
 Field Duro District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced May 30 1916 Completed July 12 1916  
 Cost per foot, 1.15 Contractor, Boone Drilling Co. Address, \_\_\_\_\_  
 Drillers' Names M. D. Rodgers & J. W. Hanes

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
16				380		1840				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
16				380		1840				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/15/16	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	
Red Rock	16	66	50	Shole full water at 180'
Slate	66	125	59	
Sand	125	185	60	
Slate	185	225	40	
Sand	225	315	90	
Slate	315	365	50	
Sand	365	405	40	
Slate	405	465	60	First salt water at 1195'
Sand	465	565	100	
Slate	565	595	30	
Sand	595	650	55	Shole full salt water at 1225'
Coal	650	655	5	
Sand	655	750	95	
Slate	750	815	65	
Sand	815	895	80	Shot 10/18 - 170 lbs. - Break bit.
Slate	895	925	30	
Sand	925	1000	75	
Slate	1000	1060	60	
Sand	1060	1110	50	
Slate	1110	1137	27	
Salt Sand	1137	1762	625	
Slate	1762	1767	5	
Morton Sand	1767	1787	20	
Slate	1787	1791	4	
Little Linn	1791	1824	33	
Bevier Linn	1824	1830	6	
Big Linn	1830	2010	180	
" Linn	2010	2070	60	
Slate	2070	2130	60	
Slate & shales	2130	2498	368	
Brown shale	2498	2518	20	
.....	2518	2527	9	

RECEIVED  
 Office of Oil and Gas  
 JUL 01 2015  
 WV Department of  
 Environmental Protection

47.043 - 30844

RECORD of Well No. 13 on W. L. Stringer Farm Acres  
 Field Snuffmill District Double County Lincoln  
 Rig Commenced 19 Completed 19  
 Drilling Commenced July 21, 1916 Completed Sept 1, 1916  
 Cost per foot, 1.15 Contractor Bone Drilling Co Address Hawkey, W. Va.  
 Drillers' Names M. D. Rodgers J. W. Staver

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
16				325		1753				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
16						1753				

OIL WELL

GAS WELL

When Set	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
9/5/16	80g								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	
Slate	16	116	100	
Sand	116	291	175	
Slate	291	316	25	
Sand	316	340	24	
Coal	340	345	5	
Sand	345	445	100	
Slate	445	525	80	
Sand	525	725	200	
Slate	725	775	50	
Sand	775	835	60	
Slate	835	900	65	
Sand	900	980	80	
Slate	980	1020	40	
Sand	1020	1050	30	
Slate	1050	1075	25	
Salt Sand	1075	1675	600	
Slate	1675	1685	10	
Marion Sand	1685	1705	20	
Black Lignite	1705	1743	38	
Pencil Lignite	1743	1748	5	
Big Lignite	1748	1928	180	
Sand	1928	1988	60	
Slate & Shells	1988	2188	200	
Slate	2188	2423	235	
Brown Shale	2423	2443	20	
Brown Grit	2443	2465	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 1 on J. B. Higgins Farm. Acres 5.5  
Well Field Boval District W. Va. County W. Va.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced July 26 1929 Completed Sept 10 1929  
 Cost per foot 1.10 Contractor Walter B. ... Address ...  
 Drillers' Names E. L. ... and David ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
111				320		1730				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
						1730				

OIL WELL

When Shot	Steel Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Rock Pressure
7/11/29		2nd shot	1 1/2 x 10	200 ft.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		14	14	EI = 9.
Red Shale	14	40	26	
Shale	40	80	40	
Red Shale	80	120	40	
Shale	120	160	40	
Sand	160	300	140	
Gravel	300	304	4	
Shale Shells	304	350	46	
Sand	350	500	150	
Shale	500	520	20	
Sand	520	700	180	
Black Shale	700	820	120	
Sand	820	870	50	
Sand	870	890	20	
Shale	890	970	80	
Sand	970	1020	50	
Shale	1020	1050	30	
Salt Sand	1050	1685	635	Hole filled up at 1120'
Black Sand	1685	1720	35	with water from salt sand
Dark Sand	1720	1725	5	
Light Sand	1725	1905	180	Hole filled up while
Dark Sand	1905	1966	61	drilling sand 200 ft.
Dark Shale	1966	2421	455	
Dark Sand	2421	2443	22	

"Abandoned"  
 April 17, 1942.

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30994

Record of Well No. 2 on J. B. Stringer Farm. Acres Griffiths  
 Field, Duval District Success County Griffiths  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Sept 20 1909 Completed Oct 25 1909  
 Cost per foot, 1.10 Contractor, Miller Bros Address, Jefferson  
 Driller's Names, E. L. Stillwagon and Bill Edgar

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	6 1/16 inch	4 1/4 inch
14						1720				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	6 1/16 inch	4 1/4 inch

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Bleeds Pressure	Back Pressure
10/20/09		2 ms	Steel	4 1/8 17	150 qt				

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		14	14	E.
Red Rock	14	44	30	280' 1 Boiler water
Shale	44	150	106	
Sand	150	210	60	300' 10" hole made
Shale & shells	210	240	30	4" 8" casing used
Sand	240	300	60	
Shale	300	350	50	
Sand	350	500	150	hole picked up some
Shale & shells	500	700	200	int. sand at 1120 ft
Shale	700	900	200	
Thin shells	900	950	50	
Shale	950	1000	50	
Thin shells	1000	1100	100	
Int. sand	1100	1680	580	
Shale	1680	1690	10	
Black lign	1690	1720	30	
Black lign	1720	1724	4	
Black lign	1724	1904	180	
Black lign	1904	1964	60	
Shale	1964	2064	100	
Thin shells	2064	2404	340	
Thin shells	2404	2425	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 3 on J.B. Hinary Farm Area Jeffers  
1766 Field, Duval District Albion County, W.V.  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov-9 1909, Completed Dec 20 1909  
 Cost per foot, 11<sup>00</sup> Contractor, Heller Bros Address, Jeffers, W.V.  
 Drillers' Names, E.L. Hainey & Albert Hainey

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
20						1710				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
20						1710				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st 24 Hr Pressure	Rock Pressure
12/21	900	2 1/2 gal	4 1/2 inch	2 1/2 inch					

FORMATION	ROD			REMARKS
	TOP	BOTTOM	THICKNESS	
Red Buck	20	40	20	290' 10" hole made
Shale	40	80	40	
Sand	80	140	60	110 8" casing used
Shale	140	180	40	
Sand	180	200	20	Hole filled with sack sand-water at 1100'
Shale	200	240	40	
Sand	240	290	50	E.L. Hainey
Sand	240	460	170	
Lime Shells	450	530	80	
Sand	530	560	30	
Shale	560	590	30	
Sand	590	685	95	
Shale	685	785	100	
Sand	785	820	35	
Shale	820	1020	200	
Lime	1020	1040	20	
Shale	1040	1070	30	
Salt Sand	1070	1645	575	
Shale break	1645	1655	10	
Black Lime	1655	1695	40	
Black Lime	1695	1705	10	
Big Lime	1705	1864	159	
Black Sand	1864	1920	56	
Shale	1920	2030	110	
Black Shale	2030	2375	345	
Black Shale	2375	2385	10	
Black Sand	2385	2405	20	
Bot hole	2405			

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30947

Record of Well No. 4 on J. B. Higgins Farm Acres 100.00  
 Field, Durbin District Leitchfield County, W. Va.  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 14 1911 Completed July 26 1911  
 Cost per foot, 1.10 Contractor, Walter Brown Address Stanley, W. Va.  
 Drillers' Names, Jill Michael + Albert Hadden

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	18 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 inch	5 1/2 inch	5 1/8 inch	4 1/4 inch
28				195'		1625'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	18 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 inch	5 1/2 inch	5 1/8 inch	4 1/4 inch
28						1625'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Blowing Pressure	Back Pressure
7/27/11	9000	200	Shot	7/16" 1800 ft.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		28	28	
Slat	28	30	22	195 ft 10" hole 8" inch
Sand	30	100	50	
Slat	100	125	25	Hole filled up from salt sand 1070'
Sand	125	190	65	
Slat	190	225	35	
Sand	225	250	25	
Slat	250	275	25	
Sand	275	405	130	
Slat	405	408	3	
Sand	408	425	17	
Slat	425	480	55	
Sand	480	500	20	
Slat	500	640	140	
Sand	640	690	50	
Slat	690	815	125	
Sand	815	840	25	
Slat	840	900	60	
Sand	900	925	25	
Salt Sand	925	1565	640	
Red Slat	1565	1575	10	
" Lime	1575	1610	35	
Cave	1610	1615	5	
White Lime	1615	1785	170	
Sand	1785	1850	65	
Bona Shale	1850	2307	457	
Bona Sand	2307	2329	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 5 on J. B. Svinger Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Aug 10 1911 Completed Sept 25 1911  
 Cost per foot, 1.10 Contractors Walter Page Address Gawkey Mt.  
 Drillers' Names, Geo. Bragg & Tom Lamm

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
16						1803				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
16						1803				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Rock Pressure
9/25/11	900x								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	
Red Rock	16	75	59	
Shale	75	100	25	
Red Rock	100	120	20	
Sand	120	140	20	
Red Rock	140	225	85	
Sand	225	260	35	
Shale	260	365	105	Redwood 10" hole at 365'
Sand	365	390	25	to 8"
Shale	390	420	30	
Sand	420	440	20	
Shale	440	570	130	traces of coal at 570'
Sand	570	580	10	" " " " 640'
Shale	580	610	30	
Sand	610	785	175	
Shale	785	890	105	
Sand	890	930	40	
Shale	930	1005	75	
Sand	1005	1080	75	
Shale	1080	1140	60	
Spot sand	1140	1753	613	hole filled full of water
White lime	1753	1788	35	at 1200'
Conc	1788	1793	5	
White lime	1793	1978	185	Cased 10' in white lime
Indiana sand	1978	2038	60	
Berea shale	2038	2455	417	
Brown shale	2455	2475	20	
Berea sand	2475	2496	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043 - 30939

RECORD of Well No. 6 on J. B. Sturgis Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced April 15 1912, Completed June 4 1912  
 Cost per foot, 1.15 Contractor Yankey & Finner's Oil Address, Yankey, W. Va.  
 Drillers' Names Geo. Lewis & Dan Rogers

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>		<u>16</u>				<u>1723</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1723</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>6/5/12</u>	<u>80 qt.</u>	<u>2nd shot 6/19/12 150 qt.</u>							

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>16</u>	<u>16</u>	<u>EI = 92173</u>
<u>Sand</u>	<u>16</u>	<u>20</u>	<u>4</u>	
<u>Slate</u>	<u>20</u>	<u>200</u>	<u>180</u>	<u>3 barrels water 163'</u>
<u>Sand</u>	<u>200</u>	<u>250</u>	<u>50</u>	
<u>Slate</u>	<u>250</u>	<u>325</u>	<u>75</u>	
<u>Sand</u>	<u>325</u>	<u>370</u>	<u>45</u>	
<u>Coal</u>	<u>370</u>	<u>373</u>	<u>3</u>	<u>370' 10" hole</u>
<u>Slate</u>	<u>373</u>	<u>380</u>	<u>7</u>	
<u>Sand</u>	<u>380</u>	<u>500</u>	<u>120</u>	
<u>Slate</u>	<u>500</u>	<u>640</u>	<u>140</u>	
<u>Sand</u>	<u>640</u>	<u>700</u>	<u>60</u>	
<u>Slate</u>	<u>700</u>	<u>790</u>	<u>90</u>	
<u>Sand</u>	<u>790</u>	<u>830</u>	<u>40</u>	
<u>Slate</u>	<u>830</u>	<u>900</u>	<u>70</u>	
<u>Sand</u>	<u>900</u>	<u>1005</u>	<u>105</u>	
<u>Slate</u>	<u>1005</u>	<u>1020</u>	<u>15</u>	
<u>Salt Sand</u>	<u>1020</u>	<u>1670</u>	<u>650</u>	<u>Big water 1095'</u>
<u>Little Limestone</u>	<u>1670</u>	<u>1705</u>	<u>35</u>	<u>Cased 10' in lime</u>
<u>Big Limestone</u>	<u>1705</u>	<u>1913</u>	<u>208</u>	
<u>Big Iron</u>	<u>1913</u>	<u>1973</u>	<u>60</u>	
<u>Bona Sand</u>	<u>2403</u>	<u>2423</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30680

RECORD of Well No. 7 on J. B. Kingery Farm Acres \_\_\_\_\_  
Wells Field, Dade District, Sanford County  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced March 8 1946 Completed April 15 1946  
 Cost per foot, 1.15 Contractor Brown Drilling Co Address Waverly, W. Va.  
 Drillers' Names J. P. James & A. M. Spence

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>16</u>						<u>1820</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>16</u>						<u>1820</u>				

OIL WELL

GAS WELL

Rig Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>4/17/46</u>	<u>8 1/2"</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		<u>16</u>	<u>16</u>	<u>EI = 971</u>
Light red shale	<u>16</u>	<u>130</u>	<u>114</u>	
Sand	<u>130</u>	<u>145</u>	<u>15</u>	
Shale	<u>145</u>	<u>200</u>	<u>55</u>	
Sand	<u>200</u>	<u>280</u>	<u>80</u>	Reduced hole from 10" to 8"
Shale	<u>280</u>	<u>310</u>	<u>30</u>	at 450'
Sand	<u>310</u>	<u>360</u>	<u>50</u>	
Shale	<u>360</u>	<u>390</u>	<u>30</u>	
Sand	<u>390</u>	<u>460</u>	<u>70</u>	
Shale	<u>460</u>	<u>500</u>	<u>40</u>	
Sand	<u>500</u>	<u>590</u>	<u>90</u>	
Shale	<u>590</u>	<u>605</u>	<u>15</u>	
Sand	<u>605</u>	<u>705</u>	<u>100</u>	
Shale	<u>705</u>	<u>725</u>	<u>20</u>	Hole full salt water
Sand	<u>725</u>	<u>800</u>	<u>75</u>	at 1190
Shale	<u>800</u>	<u>825</u>	<u>25</u>	
Sand	<u>825</u>	<u>900</u>	<u>75</u>	
Shale	<u>900</u>	<u>965</u>	<u>65</u>	
Sand	<u>965</u>	<u>1015</u>	<u>50</u>	
Shale	<u>1015</u>	<u>1045</u>	<u>30</u>	
Sand	<u>1045</u>	<u>1100</u>	<u>55</u>	
Shale	<u>1100</u>	<u>1120</u>	<u>20</u>	
Salt Sand	<u>1120</u>	<u>1775</u>	<u>655</u>	
Shale	<u>1775</u>	<u>1783</u>	<u>8</u>	
Black lime	<u>1783</u>	<u>1811</u>	<u>28</u>	
Rawl Cove	<u>1811</u>	<u>1815</u>	<u>4</u>	
Big lime	<u>1815</u>	<u>1990</u>	<u>175</u>	
Light Sand	<u>1990</u>	<u>2030</u>	<u>40</u>	
Shale & Shells	<u>2030</u>	<u>2463</u>	<u>433</u>	
Brown shale	<u>2463</u>	<u>2484</u>	<u>21</u>	
Green Sst	<u>2484</u>	<u>2507</u>	<u>23</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043 - 30948

RECORD of Well No. 8 on J.B. Kingery Farm Acres  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced April 24 1916 Completed May 31 1916  
 Cost per foot, 1.15 Contractor, Bone Drilling Co. Address, Harlow, W.V.  
 Drillers' Names J. H. Hauer, A. M. Smith, A. K. Norris

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10 Inch	4 3/4 Inch
16				470		1795				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10 Inch	4 3/4 Inch
16						1795				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>June 2nd</u>	<u>800%</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	EI-900
Red Rock	16	56	40	
Shale	56	156	100	
Sand	156	230	74	
Shale	230	276	46	
Sand	276	370	94	
Shale	370	400	30	
Sand	400	465	65	
Shale	465	485	20	
Sand	485	585	100	Shale full, salt water at
Shale	585	625	40	1180
Sand	625	705	80	
Shale	705	770	65	
Sand	770	860	90	
Shale	860	910	50	
Sand	910	985	75	
Shale	985	1045	60	
Sand	1045	1085	40	
Shale	1085	1100	15	
Salt Sand	1100	1725	625	
Shale	1725	1740	15	
Little Lime	1740	1775	35	
Pencil Cove	1775	1785	10	
Big Lime	1785	1965	180	
Big Limestone	1965	2015	50	
Shale	2015	2075	60	
Shells	2075	2235	160	
Shale	2235	2451	216	
Brown Shale	2451	2471	20	
Bona Ent	2471	2491	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30971

RECORD of Well No. 1 on W.S. Mulling Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Sept 2 1910 Completed Oct 28 1910  
 Cost per foot, 1.15 Contractor, Wentley & Finneran, Drake, Address, Wentley, W.V.  
 Drillers' Names, John Blair & J.P. Wentley

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
16						1450					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
16						1450					

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
10/21/10	2000	22	4 1/2" Holm	1200					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Silt & clay		16	16	E1=1121.54
Slate	16	21	5	
Red brick	21	61	40	
Sand	61	81	20	
Slate	81	191	110	
Sand	191	271	80	
Silt	271	396	125	
Sand	396	436	40	
Slate & sand	436	1120	684	
Silt	1120	1160	40	1000 feet of water at 1260'
Silt sand	1160	1840	680	
Slate	1840	1850	10	
Silt sand	1850	1915	65	
Opal sand	1915	1920	5	
Big sand	1920	2100	180	
Big sand	2100	2170	70	
Slate	2170	2240	70	
Sand	2240	2300	60	
Slate	2300	2380	80	
Sand shale	2380	2410	30	
Slate	2410	2460	50	
Sand shale	2460	2490	30	
Slate	2490	2570	100	
Opal sand	2570	2575	5	
Opal sand	2575	2616	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-31034

RECORD of Well No. 2 on W. S. Stealing Farm Area \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced March 1 1913 Completed May 16 1913  
 Cost per foot, 1.15 Contractor Yankey & Zimmerman Bros. Address, Yankey, W. Va.  
 Drillers' Names Ed. Anderson & W. D. Brantley

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
14						1895				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
14						1895				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roofs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/17/13	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		14	14	EI = 1094.3+
Red Shale	14	75	61	
Shale	75	135	60	
Red Shale	135	260	125	
Sand	260	300	40	
Red Shale	300	435	135	
Shale	435	505	70	545' of 10" hole
Sand	505	525	20	
Coal	525	569	44	
Sand	569	630	61	
Shale	630	760	130	
Sand	760	885	125	
Shale	885	950	65	Hole full of water at 1225'
Sand	950	980	30	
Shale	980	1080	100	
Sand	1080	1120	40	
Shale	1120	1150	30	
Salt sand	1150	1790	640	
Wharton sand	1790	1840	50	
Little Limestone	1840	1877	37	
Beaver Cove	1877	1885	8	
Big Limestone	1885	2080	195	
Big Limestone	2080	2165	85	
Shale	2165	2205	40	Shot 3/29/18 - 90 ft. - Beaver Limestone 15 in. at 1000 ft.
Sand shells	2205	2290	85	
Shale	2290	2345	55	
Beaver shale	2345	2527	182	
Beaver sand	2527	2587	60	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043 - 30584

RECORD of Well No. 3 on W. H. Stealing Farm. Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 6 1914 Completed Aug 31 1914  
 Cost per foot, 1.15 Contractor Boone Drilling Co. Address, Yanney, W. Va.  
 Drillers' Names J. H. Hanes & G. E. Dreibler

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
1/6						1820				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
1/6						1820				

OIL WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
9/2/15	800 ft.								

GAS WELL

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		15	15	Produced hole from 10" to 8" at 300'
Shale	15	75	60	
Sand	75	150	75	Water to drill with at 200'
Shale	150	250	100	
Sand	250	500	250	Hole full salt water at 1190'
Shale	500	570	70	
Sand	570	590	20	E1 = 1020
Shale	590	740	150	
Sand	740	860	120	
Shale	860	950	90	
Sand	950	1050	100	
Shale	1050	1125	75	
Soft sand	1125	1760	635	
Shale	1760	1775	15	
Block lime	1775	1810	35	
Blue clay	1810	1815	5	
Big lime	1815	1995	180	
Big lime	1995	2075	80	
Shale	2075	2145	70	
Shale & shells	2145	2295	150	
Shale	2295	2478	183	Completed top Brown shale July 20-1914.
Brown shale	2478	2499	21	
Blue sand	2499	2579	80	Shot - 1 1/2 x 6 - 40 ft

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02131

RECORD of Well No. 4 on W.S. Keeling Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Jan 26 1917 Completed March 5 1917  
 Cost per foot, 12.50 Contractor, Bones Drilling Co Address, Beatty, W.V.  
 Drillers' Names F.W. English & H.W. Sutton

CONDUCTOR AND CASING USED IN DRILLING

Conductor	12 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
12						1800				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	12 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
12						1800				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
2/10/17	800*								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		12	12	
Red Rock	12	112	100	Coal 365
Sand	112	162	50	
Slate	162	202	40	Reduced hole from 10" to 8" 380'
Sand	202	302	100	
Slate	302	322	20	
Sand	322	365	43	Hole full salt water 1140'
Slate	365	400	35	
Sand	400	600	200	E = 998'
Slate	600	640	40	
Sand	640	900	260	
Slate	900	930	30	
Sand	930	980	50	
Slate	980	1020	40	
Sand	1020	1070	50	
Slate	1070	1100	30	
Salt Sand	1100	1727	627	
Slate	1727	1730	3	
Waxy Sand	1730	1750	20	
Slate	1750	1752	2	
Black Limestone	1752	1787	35	
Pencil Con	1787	1793	6	
White Limestone	1793	1978	185	
Green Sand	1978	2038	60	
Slate	2038	2103	65	
Shells	2103	2253	150	
Slate	2253	2450	197	
Brown Shale	2450	2472	22	
Bona Ent	2472	2490	18	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02132

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

18/01/2003 09:08 13845242813 EAST RESOURCES INC PAGE 83  
Case No. 71096 Act. 65 Farm Name W. S. Keeling Well No. 5

N. S. 81<sup>st</sup> E. W. 75 Location Made Purchased From  
Civil District Duval Rig Completed Aug. 10, 1918 Date Purchased  
County Lincoln Dr'g Commenced Aug. 30, 1918 Sold To  
State West Virginia Dr'g Completed Oct. 23, 1918 Date Sold  
Oil Rights Owned By Dr'g Contractor S. P. Dr'g. Dept. Date Abandoned

FORMATION					CASING RECORD				
Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Gauge (Steel Line)	Put in Well (7" Gauge)	Run (7" by Misc.)	Cement
Clay	0	16			8 1/2	400	410		Date
Red Rock	16	50			6-5/8	1723	1732		Size Csg.
Sand	50	80			5-7/8		1799-9		Top "
Slate & Shells	80	160							Bot.
Sand	160	185				1777			
Coal	185	190							
Slate & Shells	190	250							
Sand	250	290							
Slate	290	340							
Sand	340	375							
Coal	375	380							
Sand	380	400							
Slate & Shells	400	520							
Sand	520	550							
Slate & Shells	550	750							
Sand	750	786							
Slate	786	800							
Sand	800	860							
Slate & Shells	860	986							
Salt Sand	986	1616							
Water	1080			Hole Full					
Saxon Sand	1616	1676							
Little Lime	1676	1709							
Pencil Cave	1709	1715							
Big Lime	1715	1896							
Big Injun	1896	1957							
Slate & Shells	1957	2377							
Brown Shale	2377	2397							
Area Sand	2397	2417							
Oil	2401	2412							
Total Depth		2417							

PACKERS AND SHOES			
Kind	Size	Depth Set	Date S
OWS Hook Wall PACKER	5 1/2 x 6 3/8 x 10	1799-9	8-19-

TORPEDO RECORD					
Date	No. Qts.	Size Shell	Top Shot	Bottom	Res
10/25, 1918	90	18	2397	2415	0.F.

DRILLING DEEPER				
Commenced	Completed	Original Depth	Final Depth	Contract

ABANDONMENT RECORD					
Filled With	From	To	Slur	Kind	D

Initial Prod.	Sand	* At Completion	* 30 Days After	*
Oil				
Gas				

APPROVED  
WV Department of Environmental Protection

47-043-02133

ARM A. G. Lawrence

WELL

ACRES

LEASE NO. S. 80 E. W. 76

WNSHIP OR DUAL

COUNTY Lincoln

STATE W. Va.

N. S. 80 E. W. 76

COMMENCED

COMPLETED

CONTRACTOR

43.021339

COMMENCED July 30

COMPLETED Sept. 12

CONTRACTOR

G.L. Titus & Co.,

COMMENCED

COMPLETED

CONTRACTOR

FORMATION

KIND	TOP	BOTTOM	STEEL LINE REQUIREMENT	REMARKS
Sand	225	265		
Slate & Shell	265	344		410' 21"
Sand	344	365		
Slate & Lime	365	960		
Sand	960	988		
Salt sand	1023	1608		
Slate	1608	1624		
Little lime	1624	2624		
Pencil cave	1648	1658		
Big lime	1658	1835		
Big Injun	1835	1893		
Black lime	2073	2083		
Berea sand	2348	2369		
Total depth				
Gas	1070			
Big water	1123			

CASING RECORD

SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MARK)	PULLED (TALLY MARK)	LEFT IN WELL (TALLY MARK)
6-5/8	1702			
5 3/4				
5 1/2				
2 1/2				
3/4				
	2369			
	3000			

PACKERS

KIND	SIZE	DEPTH SET	DATE

TORPEDO RECORD

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESU
9-12-10	60				
10-4-10	140				
10-26-10	300				

ABANDONMENT RECORD

FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEP

RECEIVED Office of Oil & Gas SEP 17 2012

WV Department of Environmental Protection

REMARKS

5/11-79 714-5 5 3/4 casing hung on packer, used as liner. No depth noted.

TOTAL DEPTH

PRODUCTION RECORD

24 HOURS BEFORE SHOT	SAND	BELS.
24 HOURS AFTER SHOT	SAND	BELS.
GAS TEST		

APPROVED BY

RECEIVED Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

Shirley DANIELS

47-043-02134

Production First 24 Hours from { Perm Sand Bbl. Approved  
 Sand Bbl. By \_\_\_\_\_

G. T. Lawrence, Farm No. of Lease \_\_\_\_\_  
 Deval District \_\_\_\_\_ Tinsale County West Virginia State \_\_\_\_\_  
 Well No. \_\_\_\_\_ Date of Location \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ } \_\_\_\_\_ Contractor  
 Rig Completed \_\_\_\_\_ }  
 Drilling Commenced September 22nd, 19 30 } G. T. Lawrence & Company, Contractor  
 Drilling Completed October 28th, 19 30 }

CASING RECORD

Date	CALIBER OF WELL		FOOT IN WELL		DEPTH OF CASING		PERCENTAGE OF WELL		LOSS OF WELL		REMARKS ON THIS CASING		LOSS AT WELL END OF YEAR	
	Pos	In	Pos	In	Pos	In	Pos	In	Pos	In	Pos	In	Pos	In
8-3/3	1542		1542		1542				1932					

SHOT RECORD

Description	Top	Bottom	Thickness	Shot	Length of Shot	Weight of Shot	Remarks
Sand & Slate	40	932					
Salt Sand	932	1472		10	21	10	60
Slate	1472	1479		11	2	10	170
Marion Sand	1479	1800		11	24	10	290
Slate	1800	1819					
Little Line	1516	1646					
Pencil Cove	1546	1555					
Rig Line	1885	1731					
Rig Injun Sand	1731	1784					
Slate & Shells	1784	1885					
Black Line	1885	1968					
Slate & Shells	1968	2224					
Coffee Slate	2224	2244					
Boran Sand	2244	2262					

Water at 85'  
 Water in Salt Sand at 1000'

EI-771.77

Total Depth: 2262

043-2134

RECEIVED  
 Office of Oil and Gas

JUN 01 2015



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

47.043-30408

WELL RECORD

Permit No. \_\_\_\_\_

Oil or Gas Well OIL  
(KIND)

Company South Penn Natural Gas Company  
Address Union Trust Bldg. Parkersburg, W. Va.  
Firma M. A. Lawrence Acres 75  
Location (waters) Bear Fork  
Well No. 4 Elev. 1065.57  
District Duval County Lincoln  
The surface of tract is owned in fee by Catherine Huffman  
Address Griffithsville, W. Va.  
Mineral rights are owned by J. L. Lawrence et al  
Rt. 5, Address Wabash, Indiana  
Drilling commenced Jan. 4, 1910  
Drilling completed Mar. 4, 1910  
Date Shot 3-4-10-90 Qts.  
2-26-13-130 Qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	16'	16'	Size of
8 3/16	550' (Pulled)	1890'	Depth set
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil 15 bbls, 1st 24 hrs.  
Fresh water 300 feet 850 feet  
Salt water 1290 feet \_\_\_\_\_ feet

CASING CEMENTED - SIZE - No. Ft. - Date  
COAL WAS ENCOUNTERED AT - FEET - INCHES  
- FEET - INCHES - FEET - INCHES  
- FEET - INCHES - FEET - INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			20	340	Water	300	3 blrs.
Sand			340	530			
Slate			530	555			
Sand & Shells			555	910	Water	850	5 blrs.
Slate & Shells			910	1230			
Top Salt Sand			1230	1840	Water	1290	Hole full
Slate			1840	1850			
Little Lime			1850	1875			
Pencil Slate			1875	1880			
Big Lime			1880	2060			
Big Injun			2060	2140			
Slate			2140	2210			
Lime & ---			2210	2318			
Slate & Shells			2318	2530			
Brown Shale			2530	2548			
Top Berea Sand			2548		Oil	2550	
				2569			
Total Depth							



RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection



Shirley DANIELS

Production First 24 Hours from { Barre Sand Fld. Approved  
 Sand Fld. By Dept.

James Lawson Farm, No. of Acres No. Acres  
 Tract District Township County East Virginia State

Well No. One Date of Location  
 Rig Commenced 19  
 Rig Completed 19  
 Drilling Commenced July 14th, 1908  
 Drilling Completed August 24th, 1908  
 Contractor  
 Contractor

CASING RECORD

No.	DIA. OF WELL		FT. IN WELL		DEPTH OF CASING		FOOTED OFF OF WELL		LIFT IN WELL		WATER IN WELL FROM CONSTRUCTION		LIFT OF WELL FROM SURFACE	
	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
10	20		20		20				20					
0 1/2	310		310		310				310					
6-5/8	1564		1564		1564				1564					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD			
				Month	Day	Time	Depth of Shot
Gas Sand	880	960					
Salt Sand	960	1144		9	25	08	20
Slate	1144	1189		6	18	09	120
Sand & Lime	1189	1564		1	11	11	190
Big Lime	1564	1770		5	15	12	270
Big Injun Sand	1770	1850					
Slate	1850	1900					
Lime & Shells	1900	2080					
White Slate	2080	2260					
Black Slate	2260	2274					
Barre Sand	2274	2296					

Gas in Gas Sand 210'  
 Water in Salt Sand at 2200'

EI- 796.42

043-2135

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

A Hours from { Brea Sand Bbls. Approved. 47-043-02136  
 Sand Bbls. By Supt.

JAMES LAWSON, Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 Deval District Lincoln County West Virginia State.  
 Well No. Two Date of Location 19\_\_\_\_\_  
 Rig Commenced 19\_\_\_\_\_  
 Rig Completed 19\_\_\_\_\_  
 Drilling Commenced October 21st, 19 08 } Contractor.  
 Drilling Completed January 15th, 19 09 } Chamberlin & Company, Contractor.

CASING RECORD															
Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE		
	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	
10	20		20		20				20						
8 1/2	200		200		200		200								
6-5/8	1860		1860		1860				1860						

FORMATION	TOP	BOTTOM	THICKNESS
Coal	320	323	
Salt Sand	1175	1820	
Little Lime	1820	1848	
Pencil Cave	1848	1855	
Big Lime	1855	2035	
Big Injun Sand	2035	2098	
Slate	2098	2170	
Slate & Shells	2170	2560	
Slate	2560	2519	
Black Slate	2519	2539	
Berea Sand	2539	2561	

SHOT RECORD						
Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot
1	20	09	90			

REMARKS:  
 Water in Salt Sand at 1205'

ABANDONED			
Size	Casing Pulled	Casing Left In	

REMARKS: E1-1058??

Total Depth, 2561

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of Environmental Protection

Shirley DANIELS

47-043-02137

Production First 24 Hours from \_\_\_\_\_  
 Name \_\_\_\_\_ Sent \_\_\_\_\_ P.M. Approved \_\_\_\_\_  
 \_\_\_\_\_ Sent \_\_\_\_\_ P.M. By \_\_\_\_\_ Dept. \_\_\_\_\_

Owner \_\_\_\_\_ Firm, No. of Leases \_\_\_\_\_ No. Area \_\_\_\_\_  
 District \_\_\_\_\_ Signals \_\_\_\_\_ County \_\_\_\_\_ West Virginia \_\_\_\_\_  
 Well No. \_\_\_\_\_ Date of Location \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ }  
 Rig Completed \_\_\_\_\_ } \_\_\_\_\_ Contractor  
 Drilling Commenced March 15th 1908 }  
 Drilling Completed April 20th 1908 } \_\_\_\_\_ Contractor

CASING RECORD

In	CASING TO WELL			PIPE IN WELL			ROPE OF CASING			PULLED OUT OF WELL			LEFT IN WELL			WELLSHOOTING TO DEPTH OF CASING			TOTAL DEPTH OF WELL			
	Feet	In.	Feet	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
10	18	6	18	6	18	6						18	6									
6-3/8	201		201		201					201												
	1820		1820		1820					1820												

FORMATION	TOP	BOTTOM	TRACKERS	SHOT RECORD			
				Shot	By	To	Depth of Shot
White Sand	254	300					
Line	300	328		6	24	08	90
Coal	328	330		10	9	12	120
Slate & Line Shells	330	410					
White Line	410	1150					
Salt Sand	1150	1770					
Little Line	1770	1808					
Pencil Core	1808	1807					
Big Line	1807	1994					
Big Injun Sand	1994	2090					
Black Slate	2090	2448					
Brown Shale	2448	2470					
Brown Sand	2470	2496					
Total Depth		2496					

Small show Gas at 410'  
 Gas in Line at 1128'  
 Water in Salt Sand at 1150' & 1170'  
 Small show Gas in Big Line at 1920'

Shot	By	To	Depth of Shot

E-230 63

043-137

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

ARM James Lawson

WELL (4)

ACRES

LEASE NO. 13033

TOWNSHIP OR DISTRICT

Duval

COUNTY

Lincoln

STATE

W. Va.

N.

S. 80 E. Map 1244 W. 76

19 COMMENCED

19

COMPLETED

19

CONTRACTOR

RIG COMMENCED Mar. 12th

19 09

COMPLETED May 7th

19 09

CONTRACTOR G.L. Titus & Co.

D. COMMENCED

19

COMPLETED

19

CONTRACTOR

FORMATION

KIND	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Salt Sand	1150	1650		
Water	1600			
Slate	1650	1660		
Maxon sand	1660	1730		
Slate	1730	1740		
Little lime	1840	1775		
Pencil Cave	1775	1780		
Big lime	1780	1960		
Big Injun	1960	2015		
e & shells	2015	2452		
Berea sand	2452	2478		
Total Depth Oil	2456			
Gas in Big Injun		2010		

CASING RECORD

SIZE	BOTTOM Casing (TALLY MEAS.)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT IN WHEN AB'D.
6-5/8"	1785			
5 7/16"	1809			
3" O	2472			
3 1/2"	2520			

PACKERS

KIND	SIZE	DEPTH SET	DATE SET
Disc Shell	5 7/16 x 6 7/8 x 1 1/2	1809	7-16

TORPEDO RECORD

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
5-11-09	110				
9-2-12	120				

ABANDONMENT RECORD

FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH

REMARKS

TOTAL DEPTH

PRODUCTION RECORD

24 HOURS BEFORE SHOT	SAND	BBLs.
24 HOURS AFTER SHOT	SAND	BBLs.
GAS TEST		

APPROVED BY

SUP

RECEIVED Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

47.043-02139

NAME James Lawson  
 WELL (5)  
 ACRES  
 LEASE NO. 7503  
 TOWNSHIP OR DISTRICT Duval COUNTY Lincoln STATE Va. N. S80 E. W. 25  
 Map 1240  
 DRILLING COMMENCED 19 COMPLETED 19 CONTRACTOR  
 REWORK COMMENCED July 8 19 12 COMPLETED Aug. 17 19 12 CONTRACTOR Holley O & Dev. Co.  
 REPAIRS COMMENCED 19 COMPLETED 19 CONTRACTOR

FORMATION				CASING RECORD					
KIND	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS	SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT IN WHEN ASH
Red Rock	220	425			6-5/8	1900			
Lime & slate	425	445			5-3/16	1940			
Sand	445	640			2" O	2574			
Coal	640	642			3/4" O	2603			
Slate	642	670							
Sand	670	850							
Slate	850	970							
Sand	970	1040							
Slate lime	1040	1140							
Sand	1140	1160							
Slate & Sand	1160	1290							
Salt Sand	1200	1866							
Little Lime	1866	1891							
Pencil Cave	1891	1896							
Big Lime	1896	2080							
Injun Sand	2080	2130							
Slate	2130	2165							
Slate & Shel	2165	2210							
Quaw Sand	2210	2240							
Lime Shells	2240	2270							
Slate	2270	2562							
Area Sand	2562	2582							
Total Depth		2582							
Water at	1220								

PACKERS

KIND	SIZE	DEPTH SET	DATE S
------	------	-----------	--------

TORPEDO RECORD

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
8-22-12	90				Good

ABANDONMENT RECORD

FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH
-------------	------	----	------	-----------	-------

REMARKS

RECEIVED  
Office of Oil and Gas  
JUN 01 2015

TOTAL DEPTH

PRODUCTION RECORD

24 HOURS BEFORE SHOT	SAND	BBL.
24 HOURS AFTER SHOT	SAND	BBL.
GAS TEST		

APPROVED BY

WV Department of Environmental Protection

47-043-02140

Production } Berea Sand Bbls. produced.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_

James Lawson, Farm; No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 Dival District Lincoln County West Virginia State

Well No. Six Date of Location \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_  
 Rig Completed \_\_\_\_\_ 19 \_\_\_\_\_ } Contractor  
 Drilling Commenced June 19th, 1912 }  
 Drilling Completed July 31st, 1912 } Holley Oil & Dev. Company, Contractor

CASING RECORD

Casing	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
6-5/8	1740		1740		1740				1740					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD									
				Month	Day	Yr.	Size of Shot	Length of Shell	Top of Shot	Bottom of Shot			
Sand & Slate		270											
Coal	270	273		8	10	12	90						
Slate & Sand	273	390											
Coal	390	393											
Sand & Slate	393	1035											
Salt Sand	1035	1670											
Slate	1670	1680											
Little Lime	1680	1725											
Big Lime	1725	1930											
Big Injun Sand	1930	1960											
Slate	1960	1990											
Slate & Shells	1990	2380											
Shale	2380	2400											
Berea Sand	2400	2420											

REMARKS:  
 Water in Salt Sand at 1115' & 1135'

ABANDONED

Size	Casing Pulled	Casing Left In

REMARKS: EI= 922.25

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02141

Production } Barea Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Supt.

James Lawson, Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 Duval District Lincoln County West Virginia State \_\_\_\_\_  
 Well No. Seven Date of Location 19 \_\_\_\_\_  
 Rig Commenced 19 \_\_\_\_\_ Contractor \_\_\_\_\_  
 Rig Completed 19 \_\_\_\_\_  
 Drilling Commenced May 14th, 19 12 Contractor Holley Oil & Dev. Company.  
 Drilling Completed June 28th, 19 12

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
6-5/8	1840		1840		1840				1840					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size of Shot	Length of Shot	Top of Shot	Bottom of Shot	
Sand	100	120									
Red Rock & Sand	120	220		7	9	12	90				
Slate	220	1205		4	17	14	80				
Salt Sand	1205	1790									
Little Lime	1790	1815									
Pencil Cave	1815	1820									
Big Lime	1820	2010									
Big Injun Sand	2010	2070									
Slate & Lime	2070	2528									
Berea Sand	2528	2548									

REMARKS:

ARRANGED

Size	Casing Pulled	Casing Left In

REMARKS: EI-1049 32

Total Depth. 2548

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02142

Production } Beres Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Supt.

James Lawson, Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 Duval District Lincoln County West Virginia State \_\_\_\_\_  
 Well No. \_\_\_\_\_ Right \_\_\_\_\_ Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } Contractor \_\_\_\_\_  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }  
 Drilling Commenced November 24th, 19 12 }  
 Drilling Completed January 17th, 19 13 } Holley Oil & Gas Company, Contractor.

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		FOULING OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8 1/2	290		290		290		290							
6-5/8	1878		1878		1878				1878					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size of Shot	Length of Shot	Top of Shot	Bottom of Shot	
Red Rock	55	255									
Slate & Sand	255	1210		1	24	13	90				
Salt Sand	1210	1805		3	6	14	100				
Little Lime	1805	1835									
Fencil Cave	1835	1840									
Big Lime	1840	2020									
Big Injun Sand	2020	2045									
Slate	2045	2140									
Squaw Sand	2140	2175									
Slate	2175	2504									
Beres Sand	2504	2524									

REMARKS:  
 Water at 200'  
 Water in Salt Sand at 1240 & 1270'

ABANDONED

Size	Casing Feet	Casing Left In

REMARKS: E1-1025 15'

Total Depth. 2524.

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-02143

Production \_\_\_\_\_ Sand \_\_\_\_\_ Bbls. Approved.  
 First 24 Hours from \_\_\_\_\_ Sand \_\_\_\_\_ Bbls. By W.H. Graham

Jamae Lawson Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
Duval District Lincoln County W. Va. State \_\_\_\_\_  
 Well No. 9 Date of Location May 5th, 1920  
 Rig Commenced June 26th, 1920 } Eddyatone Oil Corp. Contractor.  
 Rig Completed July 6th, 1920 }  
 Drilling Commenced August 15th, 1920 } Eddyatone Oil Corp. Contractor.  
 Drilling Completed September 27th, 1920 }

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8-1/8	384		363						21					
6-5/8	2027		1883						1883				144	

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD									
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot			
Conductor		13											
Red Mud	13	50		9	29	20	80	19	2523	2548			
Slate	50	75											
Red Mud	75	300											
Slate	300	360											
Sand	360	400											
Slate	400	450											
Sand	450	600											
Slate	600	635											
Lime	635	675											
Sand	675	800											
Slate	800	875											
Sand	875	1000											
Lime	1000	1050											
Slate	1050	1170											
Salt Sand	1170	1823	1270' hole										
Little Lime	1823	1850	full water										
Pencil Cave	1850	1856											
Big Lime	1856	2036											
Big Injun	2036	2081											
Shells	2081	2245											
Slate	2245	2502											
Brown shale	2502	2522											
Berea	2522	2542	Steel line										
Oil & Gas	2523	2542											
Total Depth.		2542	Steel line										

REMARKS:  
 6-5/8 Parmaco B.H. Packerset at 1864 steel line measurement

ABANDONED

Size	Casing Pulled	Casing Left in

REMARKS: EI-100478

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Production First 24 Hours from } \_\_\_\_\_ approved **47.043-02144**  
 Sand Bbls. By \_\_\_\_\_

**James Lawson** Farm, No. of Lease \_\_\_\_\_ No. Area \_\_\_\_\_  
 Duval District Lincoln County West Virginia State  
 Well No. **10 - 137** Date of Location **May 5th, 1920**  
 Rig Commenced **July 9th, 1920**  
 Rig Completed **July 17th, 1920** } **Eddystone Oil Corp.** Contractor  
 Drilling Commenced **October 2nd, 1920**  
 Drilling Completed **November 4th, 1920** } **Eddystone Oil Corp.** Contractor

**CASING RECORD**

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8 1/4	363		320		320		320							363
6-5/8	1822		1742		1742				1742					80

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD										
				Month	Day	Ty.	Size Shot	Length of Shot	Top of Shot	Bottom of Shot				
Conductor		16												
Red Mud	16	160		11	8	20	80	18	2391	2409				
Sand	160	200												
Slate	200	240												
Sand	240	300												
Slate	300	325												
Sand	325	375												
Lime	375	400												
Sand	400	750												
Slate	750	825												
Sand	825	900												
Slate	900	980												
Sand	980	1010												
Slate	1010	1060												
Salt Sand	1060	1620												
Maxon Sand	1620	1670												
Slate	1670	1675												
Little Lime	1675	1710												
Pencil Cave	1710	1715												
Big Lime	1715	1895												
Big Injun Sand	1895	1950												
Shells	1950	2120												
Slate	2120	2371												
Brown Shale	2391	2411	S. L. 2411											
Oil & Gas	2391	2409												
Total Depth,		2411	S. L. 2411											

REMARKS:  
 Hole Full Water at 1130'  
 1723' -6-5/8" Casg. S.L.

ABANDONED \_\_\_\_\_

Size	Casing Pulled	Casing Left In

REMARKS:  
 6-5/8" Parmaco B.H. Packers  
 1723' Steel Line Mess  
 E1 = 912.60

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02145

n 24 Hours from } Sand Ebls Approved.  
 Sand Ebls By

James Lawson Farm, No. of Lease 210  
 Duval District Lincoln County West Va  
 Well No. 11 253 Date of Location June 24th  
 Rig Commenced July 19th 1920  
 Rig Completed July 30th 1920 Eddystone Oil Corp  
 Drilling Commenced November 10th 1920  
 Drilling Completed December 14th 1920 Eddystone Oil Corp

CASING RECORD

Size	CHANGED TO WELL		POLE IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED TO FORE COMPLETION		Remarks
	Feet	In	Feet	In	Feet	In	Feet	In	Feet	In	Feet	In	
8-1/4	364		348						348				16
6-5/8	1915		1830						1830				850

RECEIVED  
 Office of Oil & Gas  
 Permitting  
 JUL 16 2001

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD									
				Month	Day	Th	Size Shot	Weight of Shot	Top of Shot	Remarks			
Conductor		16											
Red Mud	16	280		Dec	17	20	60	16	248		2500		
Sand	280	320											
Slate	320	350											
Sand	350	400											
Slate	400	485											
Sand	475	500											
Slate	500	550											
Coal	550	557											
Sand	557	600											
Lime	600	640											
Sand	640	700											
Slate	700	775											
Sand	775	850											
Lime	850	900											
Sand	900	1000											
Slate	1000	1120											
Salt Sand	1120	1729											
Maxon Sand	1729	1769											
Little Lime	1769	1799											
Pencil Cave	1799	1806											
Big Lime	1806	1985											
Big Injun Sand	1985	2035											
Shells	2035	2200											
Slate Shells	2200	2462											
Brown Shale	2462	2482											
Berea Sand	2482	2500											
Total Depth		2500											

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-62146

1 1/4 Mi. NW from Tango Waters of 5000 Acres et al. 10000 Acres

SM-3-22

FARM M. G. Lawson WELL 1 RES LEASE NO. 1777-11  
 TOWNSHIP OR DISTRICT Duval COUNTY Lincoln STATE W. Va. N. S. 80 E. W. 1  
 COMMENCED 19 COMPLETED 19 CONTRACTOR  
 12-23 19 20 COMPLETED 2-3 19 21 CONTRACTOR Eddystone Oil Corp  
 D. COMMENCED 19 COMPLETED 19 CONTRACTOR

FORMATION

CASING RECORD

KIND	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS	SIZE	BOTTOM CASING (STEEL LINE)	PUT IN WELL (TALLY MEAS.)	PULLED (TALLY MEAS.)	LEFT WHEN
Conductor		11			6 5/8	1700	1720		
Red Mud	11	260							
Sand	260	300			5 7/16"	1755			
Slate	300	340			2" C	2372			
Sand	340	387			3 1/2"	3000			
Coal	387	390							
Sand	390	500							
Slate	500	520							
Sand	520	560							
Slate	560	570							
Sand	570	670							
Slate	670	720							
Lime	720	800							
Sand	800	900							
Lime	900	985							
Slate	985	1025							
Lime	1025	1050							
Salt Sand	1050	1610							
Green Sand	1610	1650							
White Lime	1650	1680							
Green Lignite	1680	1686							
Big Lime	1686	1871							
Big Lignite	1871	1926							
Slate & Shell	1926	2372							
Brown shale	2372	2392							
Bergs sand	2392	2392							
Oil	2392	2392							
TOTAL DEPTH			2392						

KIND	SIZE	DEPTH SET	DATE
Parmco B. E.	6 5/8	1700	
MacMillan Vacker	5 7/16"	1755	11/1

PACKERS

KIND	SIZE	DEPTH SET	DATE
Parmco B. E.	6 5/8	1700	
MacMillan Vacker	5 7/16"	1755	11/1

TORPEDO RECORD

DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	REMARKS
2-7-21	60	4 1/2"	2372	2390	
11-21-39	60	2-7/16"	1773	1790	Dom

ABANDONMENT RECORD

FILLED WITH	FROM	TO	SIZE	PLUG KIND	DATE

REMARKS

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

APPROVED BY

PRODUCTION RECORD

24 HOURS BEFORE SHOT	SAND	BBLs.
24 HOURS AFTER SHOT	SAND	BBLs.
GAS TEST		

RECORD of Well No. 1 on Wilson & Trickett Farm. Acres 2.5  
Wills Field. Summit District. Summit County.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Aug 5th 1908 Completed Sept 1st 1908  
 A per foot. 1.15 Contractor. W. L. Baker Address. Summitville  
 Driller's Names. Henry Casel and Edmonson

47-043-70148

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 - 0 inch	4 1/2 inch
				310		1615				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 - 0 inch	4 1/2 inch
						1615				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Struck Pressure	Rock Pressure
<u>When</u>	<u>400</u>	<u>2 1/2 gal</u>	<u>1 1/2" pipe</u>	<u>20 ft. 30</u>	<u>1 1/2" pipe</u>	<u>200 gal.</u>			

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Chert		5	5	Et. 796 27
Limestone	5	25	20	
Shale	25	70	45	
Sand	70	90	20	
Coal	90	95	5	
Sand	95	125	30	
Shale	125	130	5	
Sand	130	180	50	
Red Rock	180	195	15	
Sand	195	300	105	8 Barrels Water at 225 ft.
Shale and Shell	300	395	95	
Sand	395	440	45	
Shale and Shell	440	486	46	
Sand	486	575	89	
Shale and Shell	575	683	110	
Sand	683	750	65	
Blue Shale	750	950	200	
Sand	950	1525	575	Hole filled full of water at 1050 ft.
Blue Shale	1525	1535	10	
Sand	1535	1580	45	
Black Shale	1580	1605	25	
Red Sand	1605	1610	5	
Blue Shale	1610	1800	190	
Sand	1800	1880	80	
Shale and Shell	1880	2150	270	
Sand	2150	2180	30	
Shale	2180	2260	80	
Shale	2260	2281	21	
1st Barren Sand	2281	2302	21	1st Barren Sand
2nd Barren Sand	2302	2309	7	2nd Barren Sand

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30271

Record of Well No. 2 on W. H. ... Farm Acres ...  
 Field ... District ... County ...  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Dec 29th 1925 Completed Feb 11th 1927  
 Cost per foot 1.15 Contractors ... Address ...  
 Drillers' Names ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 3/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
12				320		1635				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 3/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
12						1635				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Ø	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Spill		10	10	
...	10	30	20	
...	30	50	20	
...	50	150	100	
...	150	210	60	
...	210	514	4	
...	214	315	101	
...	315	330	15	Residual hole from 10 to
...	330	355	25	5" of 320
...	355	361	6	
...	361	485	124	
...	485	510	25	
...	510	580	70	
...	580	600	20	
...	600	630	30	"Abandoned"
...	630	715	85	Feb. 26, 1942.
...	715	730	15	
...	730	930	200	
...	930	410	30	
...	410	470	60	
...	470	1583	613	Encrusted with water at
...	1583	1618	35	445 ft.
...	1618	1623	5	
...	1623	1785	162	
...	1785	1845	60	
...	1845	1950	105	
...	1950	2284	334	
...	2284	2304	20	
...	2304	2325	21	
...	2325	2332	7	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043-30731

Record of Well No. 3 on Mason & Taggart Farm Area Buffalo  
 well Dural Field, Dural District Lincoln County, W. Va.  
 Rig Commenced 19 1929 Completed 19 1929  
 Drilling Commenced May 12<sup>th</sup> 1929 Completed June 28<sup>th</sup> 1929  
 Cost per foot 1.15 Contractor Wiley Brown Address Green Key, W. Va.  
 Driller's Name H. L. ... & Ed. ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 inch	4 1/2 inch
10						1920				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 3/4 inch	6 1/4 inch	5 1/2 inch	5 inch	4 1/2 inch
10						1920				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Back Pressure
<u>4/20/29</u>	<u>4000</u>	<u>2 1/2</u>	<u>4 1/2</u>	<u>1 1/2</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		10	10	10 96.35
Red Rock	10	90	80	10" hole raised at 500'
Grey Sand	90	105	15	
Red Rock	105	150	45	enough water 6.75 to
Slate	150	190	40	drill with, finally
Sand	190	245	55	Exhausted to 1/2 surface
Red Rock	245	300	55	
Grey Sand	300	360	60	Top of Salt Sand 1270'
Red Rock	360	500	140	
White Sand	500	525	25	Hole filled with water
White Slate	525	560	35	at 1325 ft.
Black Slate	560	660	100	
Dark Sand	660	675	15	
Black Slate	675	700	25	Slight showing of oil
White Sand	700	725	25	in first screen,
White Slate	725	775	50	filled up 200 ft while
Dark Sand	775	810	35	drilling 2 <sup>nd</sup> screen.
White Slate	810	835	25	
White Sand	835	885	50	
Coal	885	890	5	
Black Slate & Shale	890	1155	265	
Sand	1155	1170	15	
Black Slate	1170	1270	100	
Salt Sand	1270	1870	600	
Little Lime	1870	1910	40	
Veget. Lim	1910	1915	5	
White Lime	1915	2075	160	
Big Sand	2075	2135	60	
Black Slate	2135	2580	446	
Bone Sand	2581	2603	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Records of Well No. 4 on Mason & Tackett Farm. Acres \_\_\_\_\_  
 Field Quail District Lincoln County W.Va.  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Sept 22 1909. Completed Nov 9 1909  
 Cost per foot 1.10 Contractor Walter Brown address Juney  
 Driller's Names J. W. Dalton & E. D. Bunn

47.043.30984

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
10'			435'		1740					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
10						1740				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Rock Pressure
11/10/09	5"	200 gal	2 1/2" hole	220 gal					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Maryland Sand	9	9	9	435' 10" hole made
Red Bank	9	23	14	8" casing used
Shale	23	63	40	
Sand	63	108	45	5 barrels water at 1115'
Shale	108	160	52	hole filled up at 1165'
Sand	160	250	90	
Sand	250	390	140	EI = 9305
Coal	390	395	5	
Shale	395	402	7	
Sand	402	424	22	
Shale	424	465	41	
Sand	465	585	120	
Shale	585	610	25	
Sand	610	690	80	
Shale	690	714	24	
Sand	714	740	26	
Shale	740	760	20	
Sand	760	880	120	
Shale	880	915	35	
Sand	915	980	65	
Shale	980	1030	50	
Sand	1030	1050	20	
Salt Sand	1050	1700	650	
Black Sand	1700	1735	35	
Small Coal	1735	1740	5	
Big Sand	1740	1915	175	
Big Sand	1915	1995	80	
Brown Shale	1995	2398	403	
Brown Sand	2398	2419	21	
Bottom Hole	2421			

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043-30738

Record of Well No. 5 on Mason & Tackett Farm. Acres Griffiths  
 well Field, Duval District, Lincoln County, W.V.  
 Rig Commenced 19 1924 Completed 19 1924  
 Drilling Commenced Nov 12 1924 Completed Feb 10 1925  
 Cost per foot, 1.10 Contractor, Walter Ryan Address, Greenbay, W.V.  
 Drillers' Names, Jas. Handley, Dan Buchanan, Jas. B. Smith, Boby and J. B. Buchanan

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/4 inch
12						1724				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/4 inch
12						1724				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Rock Pressure
<u>2 1/2 in</u>	<u>200 gr</u>	<u>23.5 gal</u>	<u>2 1/2 in</u>	<u>240 gr</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>				<u>400' 10" hole casing used after this first got water in. Lost sand at 1130'</u>
<u>Soft sand</u>	<u>1040</u>	<u>1670</u>	<u>630</u>	<u>Big burned down Dec 8 had same result Dec 18 started up again Dec 23, shut down due water &amp; gas Dec 30 started again Jan 11-1910</u>
<u>Black sand</u>	<u>1670</u>	<u>1711</u>	<u>41</u>	
<u>Black sand</u>	<u>1711</u>	<u>1713</u>	<u>2</u>	<u>up for first of day</u>
<u>Black sand</u>	<u>1713</u>	<u>1885</u>	<u>172</u>	<u>burned with this rig at 1400 ft deep.</u>
<u>Black sand</u>	<u>1885</u>	<u>1945</u>	<u>60</u>	
<u>Black sand</u>	<u>1945</u>	<u>2360</u>	<u>415</u>	
<u>Black sand</u>	<u>2360</u>	<u>2388</u>	<u>28</u>	
<u>Black sand</u>	<u>2388</u>	<u>2409</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 1 2015

WV Department of Environmental Protection

47-043-02141

RECORD of Well No. 6 Wagon and Wash Field District County Acres

Rig Commenced 19 Completed 19  
 Drilling Commenced July 19 1911 Completed Sept 6 1911  
 Cost per foot, 1.15  
 Drillers' Names, R. Miller W. L. Brown  
 Contractor, Washburn & Wagon Drillers Address, Washburn Drillers

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
<u>16</u>						<u>1805</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
<u>16</u>						<u>1805</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>9/11</u>	<u>900x</u>	<u>2 1/2</u>	<u>1 1/2</u>	<u>1500x</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>16</u>	<u>16</u>	<u>Cased 11' in Big Limestone</u> <u>E1 = 1403'</u>
<u>Limestone</u>	<u>16</u>	<u>26</u>	<u>10</u>	
<u>Slate</u>	<u>26</u>	<u>126</u>	<u>100</u>	
<u>Limestone</u>	<u>126</u>	<u>146</u>	<u>20</u>	
<u>Slate &amp; shells</u>	<u>146</u>	<u>300</u>	<u>154</u>	
<u>Slate</u>	<u>300</u>	<u>320</u>	<u>20</u>	
<u>Coal</u>	<u>320</u>	<u>322</u>	<u>2</u>	
<u>Slate</u>	<u>322</u>	<u>400</u>	<u>78</u>	<u>460' of 10" hole</u>
<u>Sand</u>	<u>400</u>	<u>435</u>	<u>35</u>	
<u>Slate</u>	<u>435</u>	<u>465</u>	<u>30</u>	
<u>Sand</u>	<u>465</u>	<u>665</u>	<u>200</u>	
<u>Sand + sand</u>	<u>665</u>	<u>1170</u>	<u>505</u>	
<u>Sand + sand</u>	<u>1170</u>	<u>1752</u>	<u>582</u>	
<u>Little Limestone</u>	<u>1752</u>	<u>1794</u>	<u>42</u>	<u>Hole full of water at 1200'</u>
<u>Big Limestone</u>	<u>1794</u>	<u>1974</u>	<u>180</u>	
<u>Big Limestone</u>	<u>1974</u>	<u>2024</u>	<u>50</u>	
<u>Slate</u>	<u>2024</u>	<u>2094</u>	<u>70</u>	
<u>Limestone shells</u>	<u>2094</u>	<u>2234</u>	<u>140</u>	<u>5 1/2" - 1822, on Pkt</u>
<u>Slate</u>	<u>2234</u>	<u>2468</u>	<u>234</u>	
<u>Brown shale</u>	<u>2468</u>	<u>2488</u>	<u>20</u>	
<u>Brown sand</u>	<u>2488</u>	<u>2509</u>	<u>21</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30 719

RECORD of Well No. 7 of Winston & Trickett Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Oct 20<sup>th</sup> 1915 Completed Nov 25<sup>th</sup> 1915  
 Cost per foot, 1.15 Contractor, Orville Williams Address, Lawyer, W.V.  
 Drillers' Names F. W. English & R. P. Brookover

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>				<u>405</u>		<u>1732</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1732</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>11/20/15</u>	<u>8 1/2"</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		<u>16</u>	<u>16</u>	
Red Break	<u>16</u>	<u>40</u>	<u>24</u>	<u>8" casing 405'</u>
Sand	<u>40</u>	<u>60</u>	<u>20</u>	
Shale & Red Break	<u>60</u>	<u>150</u>	<u>90</u>	
Sand	<u>150</u>	<u>200</u>	<u>50</u>	
Shale	<u>200</u>	<u>275</u>	<u>75</u>	<u>showing gas at 1075'</u>
Sand	<u>275</u>	<u>405</u>	<u>130</u>	<u>Increase of gas at 1120'</u>
Black shale	<u>405</u>	<u>410</u>	<u>5</u>	
Sand	<u>410</u>	<u>600</u>	<u>190</u>	<u>shot full salt water at 1130'</u>
Shale	<u>600</u>	<u>675</u>	<u>75</u>	
Sand	<u>675</u>	<u>800</u>	<u>125</u>	
lignite & shells	<u>800</u>	<u>1025</u>	<u>225</u>	<u>gas 120' in white line</u>
lime shells	<u>1025</u>	<u>1075</u>	<u>50</u>	
salt sand	<u>1075</u>	<u>1690</u>	<u>615</u>	
Black lime	<u>1690</u>	<u>1720</u>	<u>30</u>	
Condit Layer	<u>1720</u>	<u>1726</u>	<u>6</u>	
white lime	<u>1726</u>	<u>1910</u>	<u>184</u>	
lime sand	<u>1910</u>	<u>1960</u>	<u>50</u>	
Black shale	<u>1960</u>	<u>2025</u>	<u>65</u>	
Shale	<u>2025</u>	<u>2150</u>	<u>125</u>	
Shale	<u>2150</u>	<u>2382</u>	<u>232</u>	
Brown Shale	<u>2382</u>	<u>2402</u>	<u>20</u>	
Brown sand	<u>2402</u>	<u>2428</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 8 on Shuman & Trickett Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Jan 19 1916 Completed Feb 23 1916  
 Cost per foot, 115 Contractor Bowie Drilling Co. Address, Spencer, W. Va.  
 Drillers' Names

47.043-30728

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 1/4 Inch	5 3-10 Inch	4 1/4 Inch
16				425'		1805'				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 1/4 Inch	5 3-10 Inch	4 1/4 Inch
16						1805'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
7/25/16	70qt								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay		20	20	
Sand	20	35	15	
Shale & Red rock	35	200	165	
Sand	200	300	100	
Shale	300	350	50	
Sand	350	400	50	
Shale	400	475	75	Hole filled, salt water at
Sand	475	675	200	1195'
Shale & sand	675	1100	425	Cased 6' x 1805'
Shale & shells	1100	1155	55	
Sand	1155	1764	609	Little gas at 1920'
Sand	1764	1794	30	
Sand	1794	1800	6	
Shale	1800	1970	170	
Sand	1970	2030	60	
Shale	2030	2153	123	
Shells	2153	2280	127	
Sand	2280	2445	165	
Sand	2445	2466	21	
Sand	2466	2486	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30444

Record of Well No. 1 on J. E. May Farm Acres 2.5  
 Field Lumber District Lincoln County N.C.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced March 3<sup>rd</sup> 1905 Completed April 25<sup>th</sup> 1905  
 Cost per foot 1.15 Contractor, D. L. B. Co. Address, Lenoir, N.C.  
 Drillers' Names, Wm. Gray & L. M. Jones

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 3/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/4 inch	4 1/2 inch
S. H.				315		1590				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 3/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/4 inch	4 1/2 inch
S. H.				315		1590				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	Est Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1-10-05	90 lb	2 1/2 bbl	3 1/2 in - 150 ft						

FORMATION	RODS			REMARKS
	TOP	BOTTOM	THICKNESS	
Althorpe		5	5	
Slate	8	26	18	Hole full of water at 70 ft.
Sand	26	42	16	
Slate	42	55	13	
Sand	55	110	55	10" hole from 00 to 315 ft.
Sand	110	125	15	8" " " 315 to 1590 ft.
Sand	125	175	50	6 1/2" " " 1590 to 2257 ft.
Slate	175	185	10	
Sand	185	220	35	
Thin Shells	220	225	5	
Sand	225	310	85	
Slate	310	335	25	8" casing, 315 ft.
Sand	335	400	65	
Slate	400	430	30	
Sand	430	555	125	
Slate	555	640	85	
Thin Shells	640	650	10	
Sand	650	740	90	
Slate	740	810	70	
Sand	810	840	30	
Slate	840	865	25	
Sand	865	890	25	
Salt Sand	890	1530	640	Some water at 920 ft.
Slate	1530	1560	30	Hole filled full at 965 ft.
Thin Shells	1560	1590	30	
Thin Shells	1590	1756	166	Thin in bottom of Sand, 1750 ft.
Thin Shells	1756	1835	79	
Slate & Shells	1835	2050	215	
Sand	2050	2235	185	
Thin Shells	2235	2255	20	
Thin Shells	2255	2275	20	
Slate	2275	2287	12	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30445

Record of Well No. 2 on J. C. Miller Farm Acres 2.44  
 Field J. C. Miller District Sevier County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Mar-5-68 1968 Completed Dec-24-68 1968  
 Cost per foot 1.15 Contractor Wagner Address ...  
 Driller's Names J. C. Miller

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
				913		1746				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
						1746				

OIL WELL X

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Revs	Size of Packer	Depth Set	Tubing	1st Block Pressure	Rock Pressure
-----------	-----------------	----------------------	--------	------	----------------	-----------	--------	--------------------	---------------

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Water		10	10	ET-9
Water	11	43	32	
Red rock	43	63	20	
Water	63	75	12	
Red rock	75	120	45	
Water	120	180	60	
Sand	180	265	85	
Water	265	312	47	Load from 275 to 280
Sand, sandy	312	362	50	
Water	362	432	70	
Water & sand shale	432	670	238	Missing 7' in core
Coal	670	673	3	
Red. & sand	673	775	102	
Sand	775	842	67	
Water	842	965	123	
Sand	965	978	13	
Water	978	1012	34	
Water	1012	1024	12	
Water	1024	1030	6	
Red sand	1030	1055	25	Water at 1040. No. of pack
Water	1055	1098	43	Free at 1120
Sand	1098	1739	641	Shoring of casing 1102
Hard coal	1739	1741	2	in bottom of casing
Water	1741	1914	173	
Sand	1914	1969	55	
Water	1969	2000	31	
Water	2000	2375	375	
Sand shale	2375	2377	2	
Red sand	2377	2418	41	
Water	2418	2422	4	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043 - 30449

Record of Well No. 3 on J. E. May Farm Acres  
 Field ... District ... County ...  
 Rig Commenced 19 Completed 19 ✓  
 Drilling Commenced June - 46 1909 Completed Sept 16 1909  
 Cost per foot ... Contractor ... Address ...  
 Drillers' Names ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
13						1665				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
13						1665				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Back Pressure
7/10	6000								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
...	15	15	15	210 ft 10" hole
...	15	30	15	
...	30	60	30	
...	10	190	180	
...	190	205	15	
...	215	320	115	hole closed at 290
...	320	465	145	at 4' level
...	465	490	25	
...	490	495	5	little gas in line &
...	495	530	35	1748
...	530	575	45	
...	575	620	45	
...	620	740	120	
...	740	816	76	
...	816	835	19	
...	835	870	35	
...	870	920	50	
...	920	1050	130	
...	1050	1340	290	
...	1340	1345	5	
...	1345	1740	395	
...	1740	1828	88	
...	1828	1885	57	
...	1885	1920	35	
...	1920	1940	20	
...	1940	2000	60	
...	2000	2030	30	
...	2030	2075	45	
...	2075	2200	125	
...	2200	2274	74	
...	2274	2299	25	
...	2299	2304	5	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Record of Well No. 4 on J. E. May Farm Acres 1/2  
 Field, Small District Summit County, Jefferson  
 Rig Commenced 19 Completed 19  
 Drilling Commenced May 14<sup>th</sup> 1909 Completed July 20<sup>th</sup> 1909  
 Cost per foot, 1.15 Contractor, James Brock Address Green Bay, Wis.  
 Drillers' Names, James Brock & Edna Edgers

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
8				300		1687				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
8						7687	regulated			

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Static Pressure	Back Pressure
1/2	4 1/2	2 1/2	4 1/2	240					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand		8	8	Hole filled with 315'
Sand	8	90	82	Hole filled with sack
Slate	90	130	40	Sand water 975'
Sand	130	180	50	
Sand & Shale	180	190	10	Casing put in at 1637'
Slate	190	210	20	filled & raised to
Sand	210	244	34	1687' & water-making
Slate	244	270	26	in.
Coal	270	275	5	
Sand & Shale	275	400	125	Show gas in some
Slate	400	433	33	at 1930'
Lime	433	439	6	
Sand & Lime	439	510	71	
Lime	510	535	25	
Sand	535	610	75	
Slate	610	645	35	
Lime	645	660	15	
Sand	660	772	112	
Slate	772	810	38	
Sand	810	914	104	
Lime	914	925	11	
Sand	925	1580	655	
Black Lime	1580	1625	45	
Perfor. Case	1625	1630	5	
White Lime	1630	1800	170	
Green Sand	1800	1865	65	
Lime - blue	1865	2288	423	
Green Shale	2288	2308	20	
Blue Sand	2308	2329	21	
Bottom hole	2329			

Abandoned  
Dec. 13 1940.

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 5 on J. E. May Farm. Area 47.043 -  
 Well Field Summit District Summit County W. Va.  
 Rig Commenced 19 Completed 19 30450  
 Drilling Commenced July 17 1909 Completed Sept 6 1909  
 Cost per foot, 1.10 Contractor Miller Bros Address Harvey, W. Va.  
 Drillers' Names, Geo. Bealston and Chris Edgum

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
12				383		1832				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch	4 1/2 inch
12						1832				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Reels	Size of Packer	Depth Set	Tubing	1st Month Pressure	Reel Pressure
9/7/09	900 ft	2 1/2 bbl	4 1/2 in	200 ft					
	FORMATION		TOP	BOTTOM	THICKNESS		REMARKS		

Slat			5	5					
Slat			5	15	10		20. billion of water at		
Sand			15	45	30		330 ft.		
Slat			45	100	55		Well filled from sand		
Sand			100	135	35		sand at 1200 ft.		
Slat			135	160	25				
Red Spar.			160	200	40				
Slat			200	270	70				
Sand			270	290	20				
Slat			290	338	48				
Coal			338	344	6				
Slat			344	470	126				
Sand			470	485	15				
Slat			485	528	43				
Sand			528	640	112				
Slat & Sand			640	1170	530				
Salt Sand			1170	1781	611				
Black Limestone			1781	1820	39				
Blue Limestone			1820	1826	6				
Blue Limestone			1826	2006	180				
Blue Limestone			2006	2065	59				
Blue Shale			2065	2508	443				
Blue Sand			2508	2530	22				
Bottom Well			2531						

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 6 on J. E. May Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Aug 31 1911 Completed Oct 9 1911

Cost per foot, 1.15 Contractor, Harvey & Thomas Drilling Co. Address, Greensboro, W. Va.

Drillers' Names, A. J. Lawrence & Guy Landon

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
<u>14</u>				<u>350</u>		<u>1735</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/4 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
<u>14</u>						<u>1735</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roofs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>10/10/11</u>	<u>12 Dept</u>	<u>Shd 7 1/2" / 14-120.026</u>							

FORMATION	THICKNESS			REMARKS
	TOP	BOTTOM	THICKNESS	
<u>Wind</u>		<u>14</u>	<u>14</u>	<u>Card 10' in Big Lime</u>
<u>Slate</u>	<u>14</u>	<u>94</u>	<u>80</u>	
<u>Sand</u>	<u>94</u>	<u>114</u>	<u>20</u>	<u>EI =</u>
<u>Slate</u>	<u>114</u>	<u>185</u>	<u>71</u>	
<u>Sand</u>	<u>185</u>	<u>310</u>	<u>125</u>	<u>Abd 4-30-26</u>
<u>Slate</u>	<u>310</u>	<u>390</u>	<u>80</u>	
<u>Sand</u>	<u>390</u>	<u>750</u>	<u>360</u>	
<u>Slate</u>	<u>750</u>	<u>760</u>	<u>10</u>	
<u>Sand</u>	<u>760</u>	<u>980</u>	<u>220</u>	
<u>Slate</u>	<u>980</u>	<u>1040</u>	<u>60</u>	
<u>Salt Sand</u>	<u>1040</u>	<u>1553</u>	<u>513</u>	<u>Stable fluid of water at 1110'</u>
<u>Slate</u>	<u>1553</u>	<u>1588</u>	<u>35</u>	
<u>Maron Sand</u>	<u>1588</u>	<u>1688</u>	<u>100</u>	
<u>Little Lime</u>	<u>1688</u>	<u>1718</u>	<u>30</u>	
<u>Quartz Linn</u>	<u>1718</u>	<u>1725</u>	<u>7</u>	
<u>Big Lime</u>	<u>1725</u>	<u>1910</u>	<u>185</u>	
<u>Big Linn</u>	<u>1910</u>	<u>1965</u>	<u>55</u>	
<u>Slate</u>	<u>1965</u>	<u>2060</u>	<u>95</u>	
<u>Shells</u>	<u>2060</u>	<u>2185</u>	<u>125</u>	
<u>Slate</u>	<u>2185</u>	<u>2385</u>	<u>200</u>	
<u>Blk. R. Shale</u>	<u>2385</u>	<u>2410</u>	<u>25</u>	
<u>Bona Sand</u>	<u>2410</u>	<u>2431</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 7 on J. E. May Farm Acres 47.043 - 30451  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced April 8 1922 Completed June 13 1922  
 Cost per foot, 1.15 Contractor Waukey & Furman State, Address, Waukey, W. Va.  
 Drillers' Names Hermon Leonard & Guy Jordan

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 1/4 Inch	6 Inch	5 1/4 Inch	5 3-16 Inch	4 1/4 Inch
				325'		1735'				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 1/4 Inch	6 Inch	5 1/4 Inch	5 3-16 Inch	4 1/4 Inch
		16				1735'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
4/11/22	8097								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Slate	16	66	50	EI=837.5
Sand	66	140	74	335' 10" hole
Slate	140	191	51	
Sand	191	280	89	
Coal	280	283	3	
Sand	283	403	120	Big water 1130'
Slate	403	543	140	
Sand	543	603	60	
Slate	603	693	90	
Sand	693	753	60	
Slate	753	803	50	
Sand	803	898	95	
Slate	898	955	57	
Salt sand	955	1505	550	
" "	1505	1580	75	
Sand	1580	1590	10	
Little lime	1590	1625	35	
Big lime	1625	1815	190	
" "	1815	1865	50	
Slate	1865	1930	65	
Shells	1930	2100	170	
Slate	2100	2297	197	
B. shale	2297	2387	90	
B. Grit	2387	2337	50	

ABANDONED  
 APR 30 1926  
 Dring entry. It was well  
 as it was abandoned on  
 this date. See other  
 log book

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

RECORD of Well No. 8 on J.E. May Farm 47.043 - 30256 Acres  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced May 29 1914 Completed July 7 1914  
 Cost per foot, 1.15 Contractor, Donnie Drilling Co. Address, Spawkey, W. Va.  
 Drillers' Names M. D. Ridge & B. J. Rogers

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>13</u>							<u>1660</u>			<u>408</u>

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>13</u>						<u>1660 pulled</u>			<u>408 pulled</u>	

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>July 11/14</u>	<u>8 Oct.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>13</u>	<u>13</u>	<u>E!</u>
<u>Shale</u>	<u>13</u>	<u>120</u>	<u>107</u>	<u>12 Brakes Water at 130'</u>
<u>Sand</u>	<u>120</u>	<u>180</u>	<u>60</u>	
<u>Shale</u>	<u>180</u>	<u>300</u>	<u>120</u>	
<u>Sand</u>	<u>300</u>	<u>320</u>	<u>20</u>	<u>Reduced hole from 10" to 8"</u>
<u>Shale &amp; shells</u>	<u>320</u>	<u>400</u>	<u>580</u>	<u>at 300'</u>
<u>Sand</u>	<u>400</u>	<u>480</u>	<u>80</u>	
<u>Shale</u>	<u>480</u>	<u>490</u>	<u>10</u>	<u>Shale full salt water</u>
<u>Salt sand</u>	<u>490</u>	<u>1575</u>	<u>585</u>	<u>at 4025'</u>
<u>Mud on sand</u>	<u>1575</u>	<u>1610</u>	<u>35</u>	
<u>Black Lime</u>	<u>1610</u>	<u>1650</u>	<u>40</u>	
<u>Perlite Cap</u>	<u>1650</u>	<u>1655</u>	<u>5</u>	
<u>White Lime</u>	<u>1655</u>	<u>1835</u>	<u>180</u>	
<u>Big yellow sand</u>	<u>1835</u>	<u>1905</u>	<u>70</u>	
<u>Shale &amp; shells</u>	<u>1905</u>	<u>2299</u>	<u>394</u>	
<u>Green shale</u>	<u>2299</u>	<u>2319</u>	<u>20</u>	
<u>Brown Grit</u>	<u>2319</u>	<u>2340</u>	<u>21</u>	

*Abandoned  
8/27/14*

RECEIVED -  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30334

Well No. 1 W. S. Mey Farm 75 Acres  
 Lease No. 20222 Jural Lincoln County W. Va. State  
 West Virginia Drilling Company Contractor  
 Drilling Commenced Feb. 17 1908 Drilling Completed May 16 1908  
 N S 21-2 E W. 76 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Top of Sand Bottom of Sand	2209 1/2	2229 1/2		Gas at top of Sand & Oil at 9' in Sand
	"ABANDONED" MAY 10, 1943			Shot with 18 ft 5/8 inch. No Anchor 2 ft from top of Sand.
				Gas at top of Sand & oil at 3 ft. in Sand!

Purchased 12-11-41 from Virginian Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date Amount Sand Result Packer Size Depth Set
	Feet	In.	Feet	In.	Feet	In.	
6 3/8"	1525		1400		125		May 18, 1908 90 Quarts
8 1/4" Cond.	374 16'					16'	

Production First 24 Hours 45 Bbls. Gas Test

Approved by E. B. South

Superintendent  
RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection



47-043 30 362

Well No. 3 W.S. May Farm 75 Acres  
 Lease No. 80222 Dual District Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor Contractor  
 Drilling Commenced Nov. 11, 1908 Drilling Completed Jan. 5, 1909  
 N S 81-2 E W 76 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Salt Sand	1140	1750		
Little Lime	1750	1805		
Pencil Calc	1805	1812		
Big Lime	1812	2010		
Big Injun	2010	2090		
Sand	2090	2200		
Plate and Shells	2200	2435		
Plate	2435	2488		
Betas Sand	2488	2512		

Purchased 12-11-41 from Virginian Petroleum and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
6 5/8 Cond.	1812				1812		Jan. 5, 1909	90 Quarts	Sand		

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30366

Well No. 4 W. S. May Farm 75 Acres  
 Lease No. 80222 Duval Township Lincoln County W. Va State  
 United Fuel Drilling Co. Contractor Contractor  
 Drilling Commenced Dec. 23 1908 Drilling Completed Feb. 18 1909  
 N. S. 81-2 E. W. 76 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	480	550		
Plate	550	660		Water 525
Sand	660	700		
Broken Plate & Sand	700	1000		
Sand	1000	1040		Salt Water 1120
Plate	1040	1100		
Salt Sand	1100	1717		
Little Lime	1717	1752		
Pencil Cave	1752	1757		
Big Lime	1757	1952		
Big Injun	1952	2005		
Sand and Shells	2005	2170		
Plate	2170	2380		
Broken Slate	2380	2433		
Berea Sand	2433	2453		
Bottom		2456		

Purchased 12-11-41 from Virginian Gasoline and Oil Company

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result
	Feet	In.	Feet	In.	Feet	In.			
3/8" Cond.	1757	16			1757	16	Feb. 19, 1909	90 Quarts	Sand
									Top of shell when shot 2 ft. from sand.
									Packer Size
									Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30595

Well No. 5 W. S. May Farm 75 Acres  
 Lease No. 80222 Duval Lincoln County W. Va. State  
 United Fuel Drilling Co. Contractor  
 Drilling Commenced May 14 1909 Drilling Completed July 7 1909  
 N. S. 81-2 E. W. 76 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Black Slate	915	935		
Sand	935	950		
Black Slate	950	955		
Sand	955	980		110' full of water 1110
Slate	980	1020		
Dark lime	1020	1060		
Salt Sand	1060	1650		Shot June 17, 1909 - 8506
Dark Lime	1650	1670		
Slate	1670	1680		
Lime	1680	1905		
Injun (Red) Slate and Shells	1905	1985		
Slate	1985	2145		
Slate	2145	2325		
Lime Shells	2325	2385		
Shale	2385	2408		
Beep Sand	2408	2430		

505 Ft of 10" hole  
 Enough water to drill at  
 45'

Purchased 12-11-41 from Virginian Gasoline and Oil Company

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
6 5/8" Cond.	1727	16			1727	16	July 7 <sup>th</sup> 1909	90 Quarts	Sand		

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47.043-30335

Well No. 6 W. S. May Farm 75 Acres  
 Lease No. 80222 Duval Township Lincoln County W. Va. State  
 United Fuel Drilling Co. Contractor Contractor  
 Drilling Commenced May 11, 1909 Drilling Completed July 1<sup>st</sup> 1909  
 N. S. 81-2 E. W. 76 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	178	438		
Coal	438	440		
	440	500		
Top of Salt Sand	1130			Hole full of water 1185
Little lime	1760			
Pencil Cave	1795			
Big lime	1800			
Red Rock	1980			
Berea Sand	2482	2503		
Total Depth		2504 1/2		

*Abandoned 9/30/42*

Purchased 12-11-41 from Virginian Gasoline and Oil Company

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date Amount Sand Result  Packer Size  Depth Set
	Feet	In.	Feet	In.	Feet	In.	
6 5/8 Cond.	1800 16		1235		<del>565</del> <del>1800</del> 16		July 3, 1909 20 Quarts

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043 - 30365

Well No. 7 W.S. May Farm  
 Lease No. 80222 Duval Township Lincoln County W. Va. 75 Acres  
 United Fuel Drilling Company Contractor  
 Drilling Commenced July 17 1909 Drilling Completed August 25 1909 Contractor  
 N. S. 81-2 E. W. 76 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Coal & Slate	250	280		
Lime & shells	280	350		
Sand	350	400		
Slate & lime	400	480		Reduced Hole 415 ft
Sand	480	525		
Lime	525	600		
Red Rock	600	680		
Sand, Lime & slate	680	915		
Black Slate	915	935		
Slate & lime	935	950		
Salt Pond	950	1602		Hole full water 1625 Dark Brown
Little Lime	1602	1632		
Break	1632	1635		
Big Lime	1635	1720		
Thin Sand	1720	1780		
Slate & Red Rock	1780	2264		Showing of oil 2264
Slate & shells	2264	2312		
Berea Sand	2312	2392 1/2		

Purchased 12-11-41 from Virginian Gasoline and Oil Company.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Put in Well		Pulled Out		Left in Well		Shot Date August 27, 1909 Amount 90 Quarts Sand Result
Size	Feet	In.	Feet	In.	Feet	
6 5/8"	1635				1635	Facker Size Depth Set
10" Wood	16				16	

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E.B. Pouth

RECEIVED Superintendent

Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

47-043-30363

Well No. 8 W. S. May Farm 75 Acres  
 Lease No. 80222 Duval District Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor Contractor  
 Drilling Commenced Aug 31 1909 Drilling Completed Oct. 8 1909  
 N. S. 81-2 E. W. 76 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Coal	420	425		
Slate and Lime	425	1095		
Salt Sand	1095	1720		Hole full water 1162
Little Lime	1720	1745		
Pencil Cave	1745	1752		
Big Lime	1752	1970		
Red Rock	1970	2000		
Slate and Lime	2000	2467		
Berea Sand	2467	2489		

Purchased 12-11-41 from Virginian Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Put in Well		Pulled Out		Left in Well		Shot Date
Size	Feet	In.	Feet	In.	Feet	In.
6 5/8"	1757				1757	
10" Wood	16					

Amount 90 Quarts  
 Sand  
 Result  
 Packer Size  
 Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

Production Berea Sand Bbls. Approved. By  
 First 24 Hours from Sand Bbls.

47-043-02159

Neal Mc Garmick Farm, No. of Lease                      No. Acres                       
Washington District Lincoln County W. Va. State                       
 Well No. One Date of Location 19  
 Rig Commenced 19 Contractor.                       
 Rig Completed 19 Contractor.                       
 Drilling Commenced Dec. 11th 1918 Contractor.                       
 Drilling Completed Feb. 1st 1919 Contractor.                     

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		FILLED OUT OF WELL		LEFT IN WELL		TRANSFERRED UP FOR COMPLETION		LEFT AS WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8"	320		320		320		320		320					
6-5/8"	1644		1644		1644				1644					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD								
				Month	Day	Yr.	Shot	Length of Shot	Top of Shot	Bottom of Shot		
Salt Sand	900	1179										
Break	1179	1189		2	11	19	60					
Sand & Slate	1189	1489										
Break	1489	1539										
Red rock	1539	1593										
Maxton Sand	1593	1614										
Little Lime	1614	1634										
Fossil Gave	1634	1639										
Rig line	1639	1665										
" Injun	1665	1915										
Shells	1915	2305										
Brown Shale	2305	2326										
Berea Sand	2326	2342										
Oil & Gas	2327	2342										

REMARKS: Hole full of water at 1000'  
 6-5/8" casing set on bottom hole packer  
 8" in Rig Line  
 Gas 20' in Rig Injun

ABANDONED

Size	Casing Packed	Casing Left In

REMARKS: EI = 878 2.5

Shot 9-10-36  
 60 CPT-Berea

Total Depth.

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

56

47-043-02161  
Approved.

Production First 24 Hours from Barrea Sand Bbls.                       
                     Sand Bbls. By                     

Thomas McDowell Farm, No. of Lease                      No. A  
 District Lincoln County Wva  
 Well No. Two Date of Location                      19            
 Rig Commenced                      19            
 Rig Completed                      19           }                      Contra  
 Drilling Commenced Feb. 22nd,                      1910  
 Drilling Completed May 13th                      1910 } G. L. Hulse & Co Contra

CASING RECORD

Size	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT W
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet
18 6-5/8	16		16		16				16				
	1854		1854		1854				1854				

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shot	Top of Shot	Notes	
Red Buck	16	160									
Slate, Sand & Lime	160	1260		6	16	10	60				
Salt Sand	1260	1772									
Little Lime	1809	1835									
Pencil Gave	1835	1840									
Big Lime	1840	2020									
• Injun	2020	2070									
Coffee Slate	2498	2522									
Barrea Sand	2522	2543									

REMARKS: Water in Salt Sand at 1260  
 Put in 60ft, 6-5/8" casing at 808

370  
 200

ABANDONED

Size	Casing Pulled	Casing Left In

REMARKS: E! = 1030.56

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02162

Production } Bore Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Sept.

**Thomas McDowell** Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 District **Lincoln** County **W.Va.** State \_\_\_\_\_  
 Well No. **Three** Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } Contractor \_\_\_\_\_  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }  
 Drilling Commenced **July 12th** 19 **12** } **Holley Oil & Gas Co** Contractor.  
 Drilling Completed **August 30th** 19 **12** }

**CASING RECORD**

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
18	16		16		16				16					
3-1/4	56		56		56		56							
3-5/8	1885		1885		1885				1885					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD							
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot	
Sand	56	66									
Red Rock	66	225		9	7	12	90				
Slate & Sand	225	1200									
Salt Sand	1280	1784									
Little Lime	1784	1815									
Slate	1815	1847									
Rig Line	1847	2025									
Injun	2025	2200									
Sand & shells	2200	2518									
Berea Sand	2519	2539									

REMARKS: Water in Salt Sand at 1280 & 1320

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

ABANDONED

Size	Casing Pelled	Casing Left In

REMARKS: EI = 1039.40

Thomas McDowell  
 Duval COUNTY Lincoln STATE W. Va. N. LEASE NO. 75042  
 S. 80 E. W. 76  
 COMMENCED April 29 1913 COMPLETED July 20 1915 CONTRACTOR Holley O & Dev. Co.  
 D. COMMENCED COMPLETED CONTRACTOR

FORMATION		TOP	BOTTOM	SHA. LOG EQUIV. DEPT	REMARKS
land		300	340		
late		340	450		
land		450	700		
late		700	770		
land		770	830		
late		830	920		
land		920	1000		
late		1000	1120		
and		1120	1160		
late		1160	1220		
and		1220	1799		
little lime		1799	1828		
and l. Cave		1828	1836		
is. lime		1836	2016		
is. jun		2016	2066		
late		2066	2125		
late		2125	2225		
late		2225	2492		
comp. shale		2492	2507		
and Sand		2507	2527		
water		1890			
TOTAL DEPTH			2527		

CASING RECORD		SIZE	BOTTOM CASING OPEN END	FEET IN WELL (TALLY SHEET)	PLUG (TALLY SHEET)	LEFT IN WELL ABOVE
6-5/8		1846				
5 7/8		1760				
2 3/8		2527				
2 7/8		2800				

PACKERS			
KIND	SIZE	DEPTH SET	DATE SET

TORPEDO RECORD					
DATE SHOT	NO. QTS.	SIZE SHELL	TOP SHOT	BOTTOM	RESULT
8-1-13	90				
4-16-14	80				

ABANDONMENT RECORD					
FILLED WITH	FROM	TO	SIZE	PLUG KIND	DEPTH

REMARKS

Sept. 22 1919 5-3/16" Liner set in well  
 Top of liner 2185'. Bot. Liner 2440  
 13 Joints. Liner hung on 5-3/16" packer

PRODUCTION RECORD			
4 HOURS BEFORE SHOT	SAND	SOLE.	
4 HOURS AFTER SHOT	SAND	SOLE.	
LAST TEST			

APPROVED BY \_\_\_\_\_ SUFF

WV DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 JUL 23 2003

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043 - 02164

Production First 24 Hours from } Boreo Sand Bbls. Approved. 43-02164P  
 } Sand Bbls. By \_\_\_\_\_ Sept

Thomas McRowell Farm, No. of Lease \_\_\_\_\_ No. Acre \_\_\_\_\_  
 District \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Well No. \_\_\_\_\_ Date of Location \_\_\_\_\_ 19 \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ } Contractor \_\_\_\_\_  
 Rig Completed \_\_\_\_\_ 19 \_\_\_\_\_ }  
 Drilling Commenced June 8th 19 18 }  
 Drilling Completed Aug. 7th 19 18 } Holley Oil & Gas Co Contractor

CASING RECORD

Run	CHARGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
18 8-8/8	12		12		12				12					
	1827		1827		1827				1827					

RECEIVED  
Office of Oil & Gas

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD					
				Month	Day	Yr.	12 1/2 in. Shot	Size of Shot	Number of Shot
Sand Slate & Lize	400	1220							
Salt Sand	1220	1668		8	12	18			
Slate	1668	1718							
Maroon Sand	1718	1768							
Slate	1768	1788							
Rattle Lize	1788	1818							
Fencil Cave	1818	1826							
Big Lize	1826	1897							
" Injua	1897	2047							
Slate	2047	2127							
Lime Shells	2127	2277							
Slate	2277	2508							
Boreo Sand	2508	2526							
Slate	2526	2527							

WV Department of Environmental Protection

REMARKS: Water in Salt Sand at 1240 Jan. 15th, 1919 Run String of 8-8/16 casing amount of casing 2024', Set On a Hook wall packer 4' long Making the bottom of the packer to the depth of 2024' Signed: W.H. Klein

Size	Casing Pulled	Casing Left In

REMARKS: EI=103157

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

47.043-31302

Production } Barea Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Sept.

Thomas McDowell Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 District Lincoln County WV a.c. State \_\_\_\_\_  
 Well No. Six Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } Contractor \_\_\_\_\_  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }  
 Drilling Commenced July 7th 1916 } Wayland Oil & Gas Co Contractor.  
 Drilling Completed Aug. 29th 1916 }

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL NOT IN USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
6-5/8	1845		1845		1845				1845					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD									
				Month	Day	Yr.	Size of Shot	Length of Shell	Top of Shot	Bottom of Shot			
White Lime	1100	1120											
Black slate	1120	1190		9	6	16	50						
Salt Sand	1190	1795		2	7	18	80		2502		2521		
Black slate	1795	1805		8	9	29	30		2504		2511		
Little Lime	1805	1830											
Pencil Cave	1830	1838											
Big lime	1838	2014											
Injun	2014	2066											
Black Slate	2066	2128											
Shells	2128	2260											
Slate	2260	2480											
Brown shale	2480	2500											
Berea Sand	2500	2521											
Oil or Pay Sand	2504	2514											

REMARKS: Little Water at 550'  
 10" hole 520' Water at 1250, 9' bailers  
 per cur. Hole full of water at 1280  
 Second Shot by M.H. Bailey - Witness W.H. Allen  
 Well cleaned its self good.

ABANDONED \_\_\_\_\_

Size	Casing Pulled	Casing Left In

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

REMARKS: E1-1019 76

47-043-02165

Production } Bore Sand Bbls. Approved.  
 First 24 Hours from } Sand Bbls. By \_\_\_\_\_ Sept. \_\_\_\_\_

Thomas McDowell Farm, No. of Lease \_\_\_\_\_ No. Acres \_\_\_\_\_  
 District Adams County WVa. State \_\_\_\_\_

Well No. Seven Date of Location \_\_\_\_\_ 19\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ } Contractor.  
 Rig Completed \_\_\_\_\_ 19\_\_\_\_ }  
 Drilling Commenced Sep. 14th 19 16 }  
 Drilling Completed Nov. 7th 19 16 } Wayland OIL & GAS Co Contractor.

CASING RECORD

Size	CHANGED TO WELL		PUT IN WELL		BOTTOM OF CASING		PULLED OUT OF WELL		LEFT IN WELL		TRANSFERRED BEFORE COMPLETION		LEFT AT WELL FOR USE	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8-5/8	1742		1742		1742				1742					

FORMATION	TOP	BOTTOM	THICKNESS	SHOT RECORD									
				Month	Day	Yr.	Size Shot	Length of Shell	Top of Shot	Bottom of Shot			
Salt sand	1680	1682											
Slate	1682	1692		11	9	16	80						
Black Lime	1692	1722		8	24	19	60						
Pencil Cave	1722	1728											
Big Lime	1728	1922											
Big Injun	1922	1982											
Slate	1982	2035											
Shells	2035	2185											
Slate & shells	2185	2394											
Brown Shale	2394	2409											
Berea Sand	2409	2429											
Oil & Gas	2412	2427											

REMARKS: Water at 150' Draw in 10" hole at 150'. First water in salt sand 1150  
 Second water in salt sand 1200  
~~Gas at 1838~~  
 Gas at 1838

ABANDONED

Size	Casing Pailed	Casing Left In

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

REMARKS: E1 = 928.65

RECORD of Well No. 12 on Y.M.M. Madsen Form 47-043-02286 Acres

Field, District County

Rig Commenced 19 Completed 19

Drilling Commenced Nov 14 1913 Completed Dec 26 1913

Cost per foot, 1.15 Contractor Bone Drilling Co Address Yonkers, N.Y.

Drillers' Names J.M. Busch & Johnson

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1808</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>						<u>1808</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>1791/2</u>	<u>80qt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Conductor</u>		<u>14</u>	<u>14</u>	<u>showing of coal 352</u>
<u>Red Buck</u>	<u>14</u>	<u>74</u>	<u>60</u>	
<u>Slate</u>	<u>74</u>	<u>104</u>	<u>30</u>	
<u>Sand</u>	<u>104</u>	<u>134</u>	<u>30</u>	<u>440' Produced hole</u>
<u>Slate</u>	<u>134</u>	<u>334</u>	<u>200</u>	
<u>Sand</u>	<u>334</u>	<u>352</u>	<u>18</u>	<u>EI = 987.12</u>
<u>White slate</u>	<u>352</u>	<u>440</u>	<u>88</u>	
<u>Slate</u>	<u>440</u>	<u>470</u>	<u>30</u>	
<u>Sand</u>	<u>470</u>	<u>510</u>	<u>40</u>	
<u>Coal</u>	<u>510</u>	<u>513</u>	<u>3</u>	
<u>Slate</u>	<u>513</u>	<u>593</u>	<u>80</u>	
<u>Sand</u>	<u>593</u>	<u>673</u>	<u>80</u>	
<u>Slate &amp; lime</u>	<u>673</u>	<u>1063</u>	<u>390</u>	
<u>Salt sand</u>	<u>1063</u>	<u>1760</u>	<u>697</u>	<u>Big Water 1143</u>
<u>Black lime</u>	<u>1760</u>	<u>1795</u>	<u>35</u>	
<u>Pencil coal</u>	<u>1795</u>	<u>1798</u>	<u>3</u>	
<u>Big lime</u>	<u>1798</u>	<u>1978</u>	<u>180</u>	
<u>Iron</u>	<u>1978</u>	<u>2043</u>	<u>65</u>	
<u>White slate</u>	<u>2043</u>	<u>2103</u>	<u>60</u>	<u>2' pocket.</u>
<u>Shells</u>	<u>2103</u>	<u>2203</u>	<u>100</u>	
<u>Black slate</u>	<u>2203</u>	<u>2434</u>	<u>231</u>	
<u>Brown shale</u>	<u>2434</u>	<u>2453</u>	<u>19</u>	<u>Slat. 7/8/10 - 9097 - Benen.</u>
<u>Bona sand</u>	<u>2453</u>	<u>2474</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30847

Record of Well No. 1 on F. M. Michelfeld Farm Acres 1  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced May 22<sup>nd</sup> 1909 Completed July 10<sup>th</sup> 1909  
 Cost per foot. 1.11 Contractor, Yonkers & Manhattan City Address, Yonkers, N.Y.  
 Drillers' Names, Allen David & Geo. Smith

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>141</u>				<u>216</u>		<u>1550</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Mils. Pressure	Rock Pressure
<u>7/10</u>		<u>20</u>	<u>4" 40 ft. 130 ft.</u>						

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Sand &amp; Gravel</u>		<u>14</u>	<u>14</u>	<u>E.I. = 730.</u>
<u>Sand</u>	<u>14</u>	<u>44</u>	<u>30</u>	
<u>Slate</u>	<u>44</u>	<u>104</u>	<u>60</u>	
<u>Sand</u>	<u>104</u>	<u>134</u>	<u>30</u>	
<u>Slate</u>	<u>134</u>	<u>164</u>	<u>30</u>	
<u>Coal</u>	<u>164</u>	<u>167</u>	<u>3</u>	
<u>Sand</u>	<u>167</u>	<u>207</u>	<u>40</u>	
<u>Slate</u>	<u>207</u>	<u>227</u>	<u>20</u>	
<u>Silt &amp; Sand</u>	<u>227</u>	<u>810</u>	<u>583</u>	
<u>Slate</u>	<u>810</u>	<u>870</u>	<u>60</u>	
<u>Silt Sand</u>	<u>870</u>	<u>1440</u>	<u>570</u>	
<u>Big Rock</u>	<u>1440</u>	<u>1460</u>	<u>20</u>	
<u>Dark Lime</u>	<u>1460</u>	<u>1485</u>	<u>25</u>	
<u>Slate</u>	<u>1485</u>	<u>1500</u>	<u>15</u>	
<u>Yellow Lime</u>	<u>1500</u>	<u>1540</u>	<u>40</u>	
<u>Dark Lime</u>	<u>1540</u>	<u>1545</u>	<u>5</u>	
<u>Big Lime</u>	<u>1545</u>	<u>1730</u>	<u>185</u>	
<u>Silt Sand</u>	<u>1730</u>	<u>1800</u>	<u>70</u>	
<u>Slate</u>	<u>1800</u>	<u>1860</u>	<u>60</u>	
<u>Lime Shells</u>	<u>1860</u>	<u>2020</u>	<u>160</u>	
<u>Slate</u>	<u>2020</u>	<u>2224</u>	<u>204</u>	
<u>Black Slate</u>	<u>2224</u>	<u>2244</u>	<u>20</u>	
<u>Sand</u>	<u>2244</u>	<u>2265</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30848

RECORD of Well No. 2 on L. M. Whiteiff Farm Acres ✓  
 Field, District County,

Rig Commenced 19... Completed 19...  
 Drilling Commenced July 19 1909, Completed Oct 13 1909  
 Cost per foot, 1.15 Contractor, Yule Kay & P... Ltd Address, Yule Kay, W. Va.  
 Drillers' Names, Ulcus Gould and J. A. Howell

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
14				320		1692				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
14						1692				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st MISC Pressure	Rock Pressure
10/15/10		2 1/2 gal	4 1/2 in	120 gts					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		14	14	
sand	14	34	20	
Shale & Shells	34	234	200	
sand	234	304	70	
Shale & sand	304	964	660	
Shale	964	1010	46	
sand	1010	1540	530	
Shale	1540	1600	60	Shale full water at 1060
red rock	1600	1610	10	
Shale	1610	1630	20	
Int. Lime	1630	1670	40	
Open Cave	1670	1675	5	
Big Lime	1675	1860	185	
Thin sand	1860	1910	50	
Shale	1910	1970	60	
Thin Shells	1970	2120	150	
Shale	2120	2343	223	
Black Shale	2343	2363	20	
Black sand	2363	2384	21	
Shale	2384	2386	2	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-70165

RECORD of Well No. 3 on F. M. Whidriff Farm Acres 1

Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Oct 22 1909 Completed Nov 7 1909  
 Cost per foot 1.15 Contractor Young & Thomas & Co. Address York Pa. 17403  
 Drillers' Names Wm. Smith & J. H. Smith

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>14'</u>				<u>347</u>		<u>1735</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>14'</u>						<u>1735</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>22 Oct</u>	<u>1 1/2"</u>	<u>2.20</u>	<u>3 1/2"</u>	<u>12079</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Silt &amp; clay</u>		<u>14</u>	<u>14</u>	
<u>Sand</u>	<u>14</u>	<u>34</u>	<u>20</u>	
<u>Shale</u>	<u>34</u>	<u>134</u>	<u>100</u>	
<u>Sand</u>	<u>134</u>	<u>214</u>	<u>80</u>	
<u>Shale</u>	<u>214</u>	<u>304</u>	<u>90</u>	
<u>Coal</u>	<u>304</u>	<u>309</u>	<u>5</u>	
<u>Sand</u>	<u>309</u>	<u>344</u>	<u>35</u>	
<u>Shale</u>	<u>344</u>	<u>469</u>	<u>125</u>	
<u>Sand</u>	<u>469</u>	<u>559</u>	<u>90</u>	
<u>Silt &amp; Sand</u>	<u>559</u>	<u>1000</u>	<u>441</u>	
<u>Shale</u>	<u>1000</u>	<u>1040</u>	<u>40</u>	
<u>Silt sand</u>	<u>1040</u>	<u>1640</u>	<u>600</u>	<u>Side fluid level at 1100'</u>
<u>Shale</u>	<u>1640</u>	<u>1645</u>	<u>5</u>	
<u>Red rock</u>	<u>1645</u>	<u>1655</u>	<u>10</u>	
<u>Limestone</u>	<u>1655</u>	<u>1670</u>	<u>15</u>	
<u>Shale</u>	<u>1670</u>	<u>1680</u>	<u>10</u>	
<u>Limestone</u>	<u>1680</u>	<u>1725</u>	<u>45</u>	
<u>Coarse sand</u>	<u>1725</u>	<u>1730</u>	<u>5</u>	
<u>Big sand</u>	<u>1730</u>	<u>1915</u>	<u>185</u>	
<u>Thin sand</u>	<u>1915</u>	<u>1965</u>	<u>50</u>	
<u>Shale</u>	<u>1965</u>	<u>2045</u>	<u>80</u>	
<u>Thin shale</u>	<u>2045</u>	<u>2195</u>	<u>150</u>	
<u>Shale</u>	<u>2195</u>	<u>2395</u>	<u>200</u>	
<u>Thin shale</u>	<u>2395</u>	<u>2413</u>	<u>18</u>	
<u>Thin sand</u>	<u>2413</u>	<u>2431</u>	<u>18</u>	

ABANDONED

DEC 11 1928

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-70166

RECORD of Well No. H on F.M. Whittier Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Dec 11 1904, Completed Feb 3 1910  
 Cost per foot, 1.15 Contractor, Yonkers & Hudson Dist Co Address, Yonkers, NY  
 Drillers' Names, J. H. ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3/16 Inch	4 1/2 Inch
10						1850				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3/16 Inch	4 1/2 Inch
10						1850				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/8/10	500g	2nd Shot	7/16 1/2 Log		3rd Shot	8 1/2	1500g		

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand & Clay		10	10	EI = 394.23 - ground
Sand	10	30	20	
Shale	30	170	140	
Sand	170	230	60	
Shale	230	355	125	
Sand	355	445	90	
Shale	445	505	60	
Sand	505	665	160	
Shale	665	790	125	
Sand	790	830	40	
Shale	830	900	70	
Sand	900	960	60	
Shale	960	1000	40	
Sand	1000	1570	570	
Shale	1570	1580	10	
Red Shell	1580	1590	10	
Lime	1590	1610	20	
Shale	1610	1620	10	
Little Hill	1620	1665	45	
Quartz	1665	1670	5	
Blue	1670	1850	180	
Shale	1850	1910	60	
Shale	1910	1980	70	
Sand	1980	2130	150	
Shale	2130	2343	213	
Green Hill	2343	2363	20	
Blue Sand	2363	2382	19	

ABANDONED  
 APR. 1, 1926.

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30849

RECORD of Well No. 5 on W. M. Hilltop Farm. Acres           

Field            District            County           

Rig Commenced            19            Completed            19             
 Drilling Commenced Feb 21 1910 Completed Apr 4 1910  
 Cost per foot            Contractor            Address             
 Drillers' Names           

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 3/8 inch	4 1/2 inch
14						1760				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 3/8 inch	4 1/2 inch
14						1760				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
FORMATION	FORMATION	FORMATION	TOP	BOTTOM	THICKNESS	REMARKS	REMARKS	REMARKS	REMARKS
4/14/10	10 1/2"			14	14				
			14	54	40				
			54	114	60				
			114	204	90				
			204	254	80				
			254	404	120	10" hole		35'	
			404	634	230				
			634	809	130				
			809	879	90				
			879	979	80				
			979	1069	90				
			1069	1095	26				
			1095	1665	570	10" hole full of water at 1175'			
			1665	1675	10				
			1675	1645	30				
			1645	1705	10				
			1705	1745	40				
			1745	1750	5				
			1750	1935	185				
			1935	2015	80				
			2015	2075	60				
			2075	2225	150				
			2225	2416	191				
			2416	2434	18				
			2434	2454	20				

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-30344

Record of Well No. 6 on W. M. Widdup Farm          Acres  
 Field          District          County          ✓

Work Commenced          19         Completed          19          
 Drilling Commenced April 7 1940 Completed May 21 1940  
 Cost per foot          Contractor          Address           
 Drillers' Names         

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	5 1/2 inch	4 1/2 inch
16				350		1650					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 3/4 inch	5 1/2 inch	4 1/2 inch
16						1650					

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	10th Pressure
2nd	8 1/2"	2 1/2 bbl	4 1/2"	120'	3 1/2" shot 4 1/2"	170'			

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soft sand		16	16	
Sand	16	35	19	
Shale	35	75	40	
Sand	75	100	25	
Shale	100	160	60	1st 60 feet of water at 140'
Sand	160	175	15	
Shale	175	215	40	
Sand	215	230	15	
Shale	230	315	85	
Sand	315	320	5	
Shale & sand	320	920	600	
Shale	920	960	40	
Soft sand	960	1365	405	1st 405 feet of water at 1030'
Shale	1365	1575	210	
Shale	1575	1605	30	
Shale	1605	1645	40	
Sand	1645	1650	5	
Shale	1650	1840	190	Abandoned
Shale	1840	1930	90	11/16/42
Shale	1930	2010	80	
Sand	2010	2135	125	
Shale	2135	2315	180	
Sand	2315	2335	20	
Shale	2335	2354	19	
Sand	2354	2350	6	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30850

Record of Well No. 7 on F.M. Midkiff Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Sept 21 1910, Completed Nov 10 1910  
 Cost per foot, 1.15 Contractor, Yantley & Turner D.C. Address, Yantley, W.V.  
 Drillers' Names, F.P. Babcock & J. H. Westender

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
11						1650				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
11						1650				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
"1110"	900g.	2 1/2 shot	1 1/2" 150g.						

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Silt & clay		11	11	E' = 0.21
Shale	11	36	25	
Sand	36	51	15	
Shale	51	61	10	
Sand	61	111	50	
Shale	111	141	30	
Sand	141	161	20	
Shale	161	211	50	
Sand	211	271	60	Water at 300
Sand	271	301	30	" " 415
Sand	301	401	100	
Shale	401	476	75	425' of 10" hole.
Sand	476	532	56	
Shale	532	666	134	
Sand	666	741	75	
Shale	741	825	84	
Sand	825	850	25	Hole full of water at 985'
Shale	850	900	50	
Silt Sand	900	1585	685	
Shale	1585	1600	15	
Silt Lime	1600	1641	41	
Sand Layer	1641	1643	2	
Silt Lime	1643	1823	180	
Silt Limestone	1823	1903	80	
Shale	1903	1923	20	
Sand	1923	1948	25	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Record of Well No. 8 on F. M. Wickhoff Farm. Acres 47-043-30851  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced June 8 1911, Completed July 31 1911

Cost per foot, 11<sup>5</sup> Contractor, Yankey & Freeman Address, Yankey, W. Va.

Drillers' Names, P. J. King & J. D. Bartley

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
16				1130		1780				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
16						1780				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Rock Pressure
8/21	9 1/2	2 1/2	2 1/4	150 ft.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		16	16	
Slate	16	36	20	
Red Rock	36	76	40	
Slate & shells	76	205	129	
Slate	205	208	3	
Slate	208	308	100	
Sand	308	370	62	
Slate	370	374	4	
Slate	374	424	50	
Slate	424	479	55	
Slate	479	489	10	
Sand & shells	489	1045	556	4 brines of water at 1125'
Slate	1045	1085	40	
Salt sand	1085	1690	605	hole full of water at 1155'
Slate	1690	1700	10	
Little Linn	1700	1747	47	
Pencil Cove	1747	1750	3	
Big Linn	1750	1940	190	
Big Linn	1940	2010	70	
Slate	2010	2080	70	
Imp. shells	2080	2150	100	
Slate & shells	2150	2426	246	
Common shells	2426	2446	20	
Blue sand	2446	2467	21	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30415

RECORD of Well No. 9 on T. M. Wickhuff Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Oct 19 1911 Completed Dec 9 1911  
 Cost per foot, 1.15 Contractor, Yonkers & Freeman Oil Co. Address, Yonkers, N.Y.  
 Drillers' Names P. J. King & J. D. Bartley

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>						<u>1950</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>						<u>1950</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>12/11/11</u>	<u>80 qt</u>	<u>2.25</u>	<u>3 1/4</u>	<u>150 qt</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & Clay		<u>14</u>	<u>14</u>	<u>Based 10' in Big lime</u>
Slate & Shale	<u>14</u>	<u>139</u>	<u>125</u>	
Sand	<u>139</u>	<u>179</u>	<u>40</u>	
Slate	<u>179</u>	<u>310</u>	<u>131</u>	
Sand	<u>310</u>	<u>335</u>	<u>25</u>	
Slate	<u>335</u>	<u>400</u>	<u>65</u>	
Sand	<u>400</u>	<u>550</u>	<u>150</u>	
Coal	<u>550</u>	<u>554</u>	<u>4</u>	
Slate	<u>554</u>	<u>570</u>	<u>16</u>	
Sand & Slate	<u>570</u>	<u>1240</u>	<u>670</u>	
Slate	<u>1240</u>	<u>1280</u>	<u>40</u>	<u>Water enough to drill with at 550'</u> <u>555' of 10" hole</u>  <u>Hole full of water at 1320'</u>
Sand & shale	<u>1280</u>	<u>1850</u>	<u>570</u>	
Slate	<u>1850</u>	<u>1855</u>	<u>5</u>	
Red Rock	<u>1855</u>	<u>1865</u>	<u>10</u>	
Lime	<u>1865</u>	<u>1885</u>	<u>20</u>	
Slate	<u>1885</u>	<u>1897</u>	<u>12</u>	
Little Lime	<u>1897</u>	<u>1937</u>	<u>40</u>	
Pencil Cove	<u>1937</u>	<u>1940</u>	<u>3</u>	
Big Lime	<u>1940</u>	<u>2125</u>	<u>185</u>	
Big Lime	<u>2125</u>	<u>2195</u>	<u>70</u>	
Slate	<u>2195</u>	<u>2255</u>	<u>60</u>	
Lime Shells	<u>2255</u>	<u>2355</u>	<u>100</u>	
Slate	<u>2355</u>	<u>2440</u>	<u>85</u>	
Slate & Shells	<u>2440</u>	<u>2607</u>	<u>167</u>	
Brown Slate	<u>2607</u>	<u>2627</u>	<u>20</u>	
Brown Sand	<u>2627</u>	<u>2645</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30186

RECORD of Well No. 10 on J. M. Medhuff Farm Acres \_\_\_\_\_

Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Drilling Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_

Drilling Commenced Dec 21 1911, Completed Feb 16 1912

Cost per foot, 1.15 Contractor, Hawkey & Freeman Drilling Co. Address, Hawkey, W.V.

Drillers' Names P. J. King & J. H. Lovell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
		<u>16'</u>				<u>1970</u>		<u>2032</u>	<u>Patented</u>	

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/19/12</u>	<u>80 gr</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
-----------	-----	--------	-----------	---------

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface clay		<u>16</u>		Rounded hole 570'
Sand	<u>16</u>	<u>25</u>	<u>9</u>	
Slate	<u>25</u>	<u>75</u>	<u>50</u>	
Sand	<u>75</u>	<u>85</u>	<u>10</u>	
Slate	<u>85</u>	<u>125</u>	<u>40</u>	
Lime	<u>125</u>	<u>140</u>	<u>15</u>	
Slate	<u>140</u>	<u>440</u>	<u>300</u>	
Sand	<u>440</u>	<u>465</u>	<u>25</u>	
Slate	<u>465</u>	<u>500</u>	<u>35</u>	
Sand	<u>500</u>	<u>520</u>	<u>20</u>	
Coal?	<u>520</u>	<u>525</u>	<u>5</u>	
Slate	<u>525</u>	<u>580</u>	<u>15</u>	
Sand	<u>580</u>	<u>680</u>	<u>100</u>	
Slate	<u>680</u>	<u>710</u>	<u>30</u>	
Coal	<u>710</u>	<u>715</u>	<u>5</u>	
Sand	<u>715</u>	<u>790</u>	<u>75</u>	
Slate	<u>790</u>	<u>825</u>	<u>75</u>	
Sand	<u>825</u>	<u>940</u>	<u>75</u>	
Slate	<u>940</u>	<u>1000</u>	<u>60</u>	
Sand	<u>1000</u>	<u>1050</u>	<u>50</u>	
Slate	<u>1050</u>	<u>1100</u>	<u>50</u>	
Sand	<u>1100</u>	<u>1170</u>	<u>20</u>	
Coal?	<u>1170</u>	<u>1174</u>	<u>4</u>	
Shaly sand	<u>1174</u>	<u>1260</u>		
Salt sand	<u>1260</u>	<u>1900</u>	<u>640</u>	
Light lime	<u>1912</u>	<u>1952</u>	<u>40</u>	
Dark lime	<u>1952</u>	<u>1955</u>	<u>3</u>	

Hole full of water in fact sand 1330

Water enough to drill with 15' in coal at 520'

Abandoned Feb 20-1939

RECEIVED Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

RECORD of Well No. 11 on J. M. Midkiff Farm Acres           
 Field,          District          County         

Rig Commenced          19          Completed          19           
 Drilling Commenced Sept 19 1913 Completed Oct 31 1913  
 Cost per foot, 1.15 Contractor, Brown Drilling Co. Address, Yankee, W. Va.  
 Drillers' Names James Lane & E. B. Mann

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>16</u>							<u>1695</u>			

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>16</u>							<u>1695</u>			

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>11/2/13</u>	<u>80qt</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>16</u>	<u>16</u>	<u>380' 10" hole</u>
<u>Shale</u>	<u>16</u>	<u>100</u>	<u>84</u>	
<u>Shaly sand</u>	<u>100</u>	<u>1015</u>	<u>915</u>	<u>water to drill with 778'</u>
<u>Salt sand</u>	<u>1015</u>	<u>1600</u>	<u>585</u>	
<u>Maron sand</u>	<u>1600</u>	<u>1645</u>	<u>45</u>	
<u>Little Lince</u>	<u>1645</u>	<u>1685</u>	<u>40</u>	<u>First salt water 1045'</u>
<u>Pencil cave</u>	<u>1685</u>	<u>1690</u>	<u>5</u>	
<u>Big Lince</u>	<u>1690</u>	<u>1875</u>	<u>185</u>	
<u>Big Lince</u>	<u>1875</u>	<u>1950</u>	<u>75</u>	<u>E=3003</u>
<u>Slate &amp; shells</u>	<u>1950</u>	<u>2338</u>	<u>388</u>	
<u>Brown shale</u>	<u>2338</u>	<u>2356</u>	<u>18</u>	
<u>Bona sand</u>	<u>2356</u>	<u>2379 1/2</u>	<u>23 1/2</u>	

ABANDONED

JUL 12 1928

Log Used - 6 5/8"  
1695  
 " pulled 1695

ABANDONED

JUL 12 1928

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30852

RECORD of Well No. 13 on F. M. Madriff Farm. Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced April 10 1914, Completed May 25 1914  
 Cost per foot, 115 Contractor, Borne Drilling Co. Address, Yankey Mt.  
 Drillers' Names J. H. Hanes & G. E. Druffelis

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16-Inch	4 1/4 Inch
<u>16</u>						<u>1845</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>16</u>						<u>1845</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>5/28/14</u>	<u>80gr</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>15</u>	<u>15</u>	<u>Reduced hole from 10" to 8" at 320'</u>
<u>Slate</u>	<u>15</u>	<u>75</u>	<u>60</u>	
<u>Sand</u>	<u>75</u>	<u>175</u>	<u>100</u>	
<u>Slate</u>	<u>175</u>	<u>295</u>	<u>120</u>	<u>Hole full salt water</u>
<u>Sand</u>	<u>295</u>	<u>620</u>	<u>325</u>	
<u>Slate</u>	<u>620</u>	<u>640</u>	<u>20</u>	
<u>Sand</u>	<u>640</u>	<u>730</u>	<u>90</u>	<u>EI=1061 39</u>
<u>Slate</u>	<u>730</u>	<u>890</u>	<u>160</u>	
<u>Sand</u>	<u>890</u>	<u>1010</u>	<u>120</u>	
<u>Slate</u>	<u>1010</u>	<u>1100</u>	<u>90</u>	
<u>Sand</u>	<u>1100</u>	<u>1115</u>	<u>15</u>	
<u>Slate</u>	<u>1115</u>	<u>1150</u>	<u>35</u>	
<u>Salt sand</u>	<u>1150</u>	<u>1730</u>	<u>580</u>	
<u>Slate</u>	<u>1730</u>	<u>1735</u>	<u>5</u>	
<u>Marion sand</u>	<u>1735</u>	<u>1775</u>	<u>40</u>	
<u>Slate</u>	<u>1775</u>	<u>1795</u>	<u>20</u>	
<u>Black Lime</u>	<u>1795</u>	<u>1835</u>	<u>40</u>	
<u>Pencil Con</u>	<u>1835</u>	<u>1840</u>	<u>5</u>	
<u>Big Lime</u>	<u>1840</u>	<u>2025</u>	<u>185</u>	
<u>Big Lignite</u>	<u>2025</u>	<u>2110</u>	<u>85</u>	
<u>Slate</u>	<u>2110</u>	<u>2190</u>	<u>80</u>	
<u>Slate &amp; Shells</u>	<u>2190</u>	<u>2350</u>	<u>160</u>	
<u>Slate</u>	<u>2350</u>	<u>2513</u>	<u>163</u>	
<u>Brown Shale</u>	<u>2513</u>	<u>2527</u>	<u>14</u>	
<u>Bona Sand</u>	<u>2527</u>	<u>2549</u>	<u>22</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30453

Well No. 1 Emily Morrison Farm 115 Acres  
 Lease No. 80224 Duval District Lincoln County W. Va. State  
 Contractor - Contractor  
 Drilling Commenced Aug 31 1908 Drilling Completed Oct. 14 1908  
 N. S. 21 E. W. 76-1 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Perce Sand	2364	2386		

Purchased 12-11-41 from Virginian Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well	
	Feet	In.	Feet	In.	Feet	In.
6 5/8"	1706				1706	2392

Shot Date Oct. 14 1908  
 Amount 90 Quarts  
 Sand  
 Result  
 Packer Size  
 Depth Set

RECEIVED  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30454

Well No. 2 Emily Morrison Farm 115 Acres  
 Lease No. 80224 Duval Township Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor United Fuel Drilling Company Contractor  
 Drilling Commenced Nov. 25 1908 Drilling Completed Feb. 16 1909

N.	S.	E.	W.	Elevation
Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	470	530		
Slate and Sand	530	950		
Sand	950	990		
Slate	990	1070		
Salt Sand	1070	1720		Gas & water 1070-1110
Little Lime	1720	1745		
Pencil Gage	1745	1750		
Big Lime	1750	1935		
Big Gun	1935	2025		
Slate and Shells	2025	2145		
Slate	2145	2400		
Shale	2400	2423		
Sea Grit	2423	2445		
Slate	2445	2447		
Total Depth		2447		

Purchased 12-11-41 from Virginian Gasoline and Oil Company

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
8 1/4"	440						Feb 18, 1909	60 Quarts			
5 7/16"	1750				1750						
					2457						

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

47-043 - 30370

Well No. 9 Emily Morrison Farm 115 Acres  
 Lease No. 50224 Doyal Township District Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor  
 Drilling Commenced Oct. 25 1909 Drilling Completed Nov. 27 1909  
 N. S. 81 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate	0	200		
Sand	200	240		
Slate	240	390		
Sand	390	450		
Slate	450	690		
Sand	690	710		
Slate	710	1050		
Salt Sand	1050	1290		
Slate	1290	1285		
Sand	1285	1340		
Slate	1340	1943		
Sand	1943	1500		
Slate	1500	1505		
Sand	1505	1650		
Little Lime	1650	1673		
Pencil Case	1673	1678		
Big Lime	1678	1865		
Big Injun	1865	1925		
Lime Shells	1925	2200		
Black Slate	2200	2356		
Petea Sand	2356	2379		
Purchased 12-11-41 from Virginia Gasoline and Oil Company				

"ABANDONED"  
MAY 26, 1943

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result	Packer Size	Depth Set
	Feet	In.	Feet	In.	Feet	In.					
6 5/8"	1678		630		1048		November 27, 1909	90 Quarts	Sand		
13"	16				1678						

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30311

Well No. 4 Emily Morrison Farm 115 Acres  
 Lease No. 80224 Duval Township District Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor Contractor  
 Drilling Commenced Sept 7<sup>th</sup> 1909 Drilling Completed Oct. 16<sup>th</sup> 1909  
 N. S. 81 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate		30		
Red Rock	30	55		
Slate	55	135		
Sand	135	155		
Slate	155	215		
Coal	215	220		
Sand	220	310		
Slate	310	420		
Sand	420	460		
Slate	460	640		
Sand	640	730		
Slate	730	930		
Sand	930	1020		
Slate	1020	1090		
Salt Sand	1090	1711		Hole full Water 1160
Little Lime	1711	1749		
Pencil Cove	1749	1758		
Big Lime	1758	1928		
Big Limestone	1928	2012		
Slate and Lime Shells	2012	2433		
Berea Sand	2433	2454		

Purchased 12-11-41 from Virginian Gasoline and Oil Co. any

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount
	Feet	In.	Feet	In.	Feet	In.		
6 5/8"	1756'				1756'		Oct. 20, 1909	90 Quarts
10" Wood	16'				16'			

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E. R. Pouch Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30310

Well No. 5 Emily Womson Farm 115 Acres  
 Lease No. 50224 Duval Township Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor Contractor  
 Drilling Commenced April 19 1909 Drilling Completed May 31 1909  
 N. S. 81 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Red Rock	150	200		
Slate	200	320		
Coal	320	324		
Sand	324	485		
Plate and Shells	485	1106		
Soft Sand	1106	1725		
Little Lime	1725	1760		
Pencil Cave	1760	1765		
Big Lime	1765	1940		
Red Rock and Big Injun	1940	2000		
Slate and Shells	2000	2452		
Top of Berea	2452	2478		
Total Depth		2478		

Purchased 12-11-04 from Virginian Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Result
	Feet	In.	Feet	In.	Feet	In.			
6 5/8	1779				1779		June 1, 1909	76 Quarts	Sand
8 1/4	485								
10"	16								

Production First 24 Hours..... Bbls. Gas Test.....  
 Approved by E. B. South Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-30456

Well No. 6 Emily Morrison Farm 115 Acres  
 Lease No. 80224 Duval <sup>Township</sup> District Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor Contractor  
 Drilling Commenced June 12 1909 Drilling Completed July 26 1909  
 N. S. 81 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate and Shells	170			
Red Rock	170	220		
Sand	220	360		
Coal	360	364		
Slate	364	420		
Sand	420	520		
Slate and Shells	520	1160		
Salt Sand.	1160	1760		
Little Lime and Pencil Cave	1760	1816		
Big Lime	1816	1966		
Break	1966	2021		
Infun Sand	2021	2041		
Slate and Shells.	2041	2291		
Slate	2291	2499		
Peena Grit	2499	2517		
Total Depth	2522			

Purchased 12-11-41 from Virginia Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date Amount Sand Result
	Feet	In.	Feet	In.	Feet	In.	
6 5/8"	1816'				1816'		July 27, 1909 90 Quarts
8 7/8"	450'						
10" Wood Cond.	10' 16'					16'	
							Packer Size Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30312

Well No. 7 Emily Morrison Farm 115 Acres  
 Lease No. 80224 Doyal Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor Contractor  
 Drilling Commenced Nov. 29 1909 Drilling Completed Jan 14 1910  
 N. S. 81 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Coal	360	365		
Slate	365	480		
Sand	480	520		
Slate	520	580		
Sand	580	610		
Slate	610	650		
Sand	650	680		
Slate	680	760		
Sand	760	800		
Slate	800	900		
Sand	900	960		
Slate	960	1140		
Salt Sand	1140	1790		hole full water 1230.
Shale	1790	1822		
Big Lime	1822	2000		
Big Injun	2000	2060		
Slate	2060	2200		
Sand and shells	2200	2280		
Slate	2280	2500		
Petea Sand	2500	2522		

Purchased 12-11-41 from Virginian Gasoline and Oil Company.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date
	Feet	In.	Feet	In.	Feet	In.	
6 5/8"	1822				1822		January 14 <sup>th</sup> 1910
10"	16				16		90 Quarts
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. Pouth Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30340

Well No. 8 Emily Morrison  
 Lease No. 80224 Duval District Lincoln  
 United Fuel Drilling Company Contractor  
 Drilling Commenced Aug 31 1909 Drilling Completed Oct 5 1909  
 N. S. 81 E. W. 76-7 Elevation

Farm 115 Acres  
 County W. Va. State  
 Contractor

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Coal	220	225		
Salt Sand	1060	1645		Salt Water 1120
Plate	1645	1665		
Little Lime	1665	1697		
Pencil Cave	1697	1702		
Big Lime	1702	1867		
Thin Sand	1867	1927		
Berea Sand	2384	2404		
"Abandoned" Jan. 8, 1943				
Purchased 12-11-41 from Virginian Gasoline and Oil Company				

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date Amount Sand Result
	Feet	In.	Feet	In.	Feet	In.	
6 5/8" 10" Wood	1704 16		1501		2017 1704 16		October 9, 1909 90 Quarts
							Packer Size Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South

RECEIVED  
 Superintendent  
 Office of Oil and Gas

JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30307

Well No. 9	Emily Morrison	Farm 115	Acres
Lease No. 80224	Duval Township District	Lincoln County	W. Va. State
United Fuel Drilling Company Contractor		Contractor	
Drilling Commenced Oct 15 1909		Drilling Completed Nov. 24 1909	
N. S. 81 E.	W. 7-7	Elevation 76-7	

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Plate	14	120		
Red Rock	120	140		
Plate	140	250		
Sand	280	320		
Plate	320	360		
Coal	360	365		
Plate	365	450		
Sand	480	520		
Plate	520	580		
Sand	580	610		
Plate	610	650		
Sand	650	680		
Plate	680	760		
Sand	760	800		
Plate	800	900		
Sand	900	960		
Plate	960	1140		
Salt Sand	1140	1790		Water at 1240
Brakly	1790	1835		
Big lime	1835	2000		
Big Injun	2000	2060		
State	2060	2200		

continued below

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date
	Feet	In.	Feet	In.	Feet	In.	
							Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by \_\_\_\_\_

RECEIVED  
Office of Oil and Gas  
Superintendent  
JUN 01 2015  
WV Department of  
Environmental Protection

47-043-30307

Well No. 9 Emily Morrison  
 Lease No. 80224 Duval Township District Lincoln  
 Farm County W. Va. Acres State  
 United Fuel Drilling Company Contractor  
 Drilling Commenced Oct 15 1909 Drilling Completed Nov. 24 1909  
 N. S. 81 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand and shells	2200	2280		
Plate	2280	2506		
Berea Sand	2506	2526 1/2		

Continued from above

Purchased 12-11-41 from Virginia Gasoline and Oil Company

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date November 25, 1909
	Feet	In.	Feet	In.	Feet	In.	
6 5/8"	1835				1835		Amount 90
8 1/4"	800						Sand
13" Wood	16				16		Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E. B. Pouth RECEIVED  
 Supervisor of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

47-043-30341

Well No. 10 Emily Morrison Farm 115 Acres  
 Lease No. 80224 Duval County N. Va. State  
 United Fuel Drilling Company Contractor  
 Drilling Commenced Dec 7 1909 Drilling Completed Jan 14 1910  
 N. S. 91 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	10	70		
Slate	70	180		
Sand	180	380		Water at 200 ft.
Slate	380	385		
Sand	385	440		
Slate	440	460		
Sand	460	525		
Slate	525	675		
Sand	675	725		
Slate	725	935		
Salt Sand	935	1560		Salt Water at 950
Slate	1560	1570		
Little Lime	1570	1595		
Pencil Cove	1595	1600		
Big Lime	1600	1760		
Big Injun	1760	1815		
Slate and Shells	1815	2280		
Berea Sand	2280	2302		
Total Depth		2305		Packet 3 ft.

"ABANDONED - APRIL 27, 1943"

Purchased 12-11-41 from Virginian Gasoline and Oil Company

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount
	Feet	In.	Feet	In.	Feet	In.		
6 3/8"	1620		1540		80			90 Quarts Sand Result
8 1/4"	380							
10" Wood	16				16			
								Packer Size
								Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

47-043-30457

Well No. 11 Emily Morrison Farm Acres  
 Lease No. 80224 Duval <sup>Tennessee</sup> District Lincoln County W. Va. State  
 United Fuel Drilling Company Contractor Contractor  
 Drilling Commenced Oct 23 1909 Drilling Completed Dec. 4 1909

N.	S.	E.	W.	Elevation			
Rock Formation				Top	Bottom	Steel Line Measurement	Remarks
				10	320		
				320	328		
				328	390		
				390	400		
				400	550		
				550	660		
				660	700		
				700	725		
				725	750		
				750	945		
				945	1555		
				1555	1590		
				1590	1595		
				1595	1775		
				1775	2273		
				2273	2295		
				Total Depth		2295	

Purchased 12-11-41 from Virginia Gasoline and Oil Company.

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date December 4, 1909 Amount 90 Quarts Sand Result  Packer Size  Depth Set
	Feet	In.	Feet	In.	Feet	In.	
6 5/8"	1599				1599		
13" Wood	16				16		

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by E. B. South Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30306

Well No. 12 Emily Morrison Farm Acres  
 Lease No. 80224 Duval Turnable Lincoln County W. Va. State  
 District Contractor  
 Pratt Drilling Company Contractor  
 Drilling Commenced Feb 9 1910 Drilling Completed March 16 1910  
 N. S. 71 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Sand	10	60		
Slate	60	170		
Sand	170	370		
Slate	370	375		
Sand	375	430		
Slate	430	450		
Sand	450	515		
Slate	515	665		
Sand	665	715		
Slate	715	920		
Salt Sand	920	1550		
Slate	1550	1560		
Little Lime	1560	1580		
Pencil Cave	1580	1585		
Big Lime	1585	1765		
Big Infun	1765	1825		
Slate and Shells	1825	2270		
Berea Sand	2270	2291		

Purchased 12-11-11 from Virginia Petroleum and Oil Company.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Put in Well		Pulled Out		Left in Well		Shot Date	
Size	Feet	In.	Feet	In.	Feet	In.	Amount
6 5/8"	1589				1589		March 17, 1910
8 1/4"	450						80 Quarts
Wood Cond.	16'				16'		Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours..... Bbls. Gas Test.....

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30458

Well No. 13 Emily Morrison Farm Acres  
 Lease No. 80224 Duval Township Lincoln County W. Va. State  
 Pratt Drilling Co. Contractor  
 Drilling Commenced Mar 18 1910 Drilling Completed April 21<sup>st</sup> 1910  
 N. S. 81 E. W. 76-7 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate	0	50		
Sand	50	150		
Slate and Sand	150	430		
Sand	430	600		
Slate	600	675		
Lime	675	725		
Shells and Slate	725	800		
Sand	800	875		
Slate	875	960		
Salt Sand	960	1595		8. Water at 1050'
Slate	1595	1608		
Little Lime	1608	1640		
Penel Dave	1640	1648		
Big Lime	1648	1810		
Big Injun	1810	1870		
Slate	1870	1950		
Sand	1950	1995		
White Plate	1995	2195		
Shells and Slate	2195	2300		
Black Slate	2300	2326		
Acra Sand	2326	2347		

Purchased 12-11-14 from Virginia Gasoline & Oil Company.

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Put in Well		Pulled Out		Left in Well		Shot Date
Size	Feet	In.	Feet	In.	Feet	In.
6 5/8"	1651				1651	
Wood Cased.	16				16	
						Shot Date April 23, 1910
						Amount 90 Quarts
						Sand
						Result
						Packer Size
						Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by E. B. South Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30459

Well No. 14 Emily Morrison Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Lease No. 50224 Duval Lincoln County W. Va. State \_\_\_\_\_  
 Pratt Drilling Company Contractor  
 Drilling Commenced June 21 1910 Drilling Completed Sept. 3 1910  
 N. \_\_\_\_\_ S. 11 E. \_\_\_\_\_ W. 76-1 Elevation \_\_\_\_\_

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Slate	0	60		
Sand	60	115		
Slate	115	180		
Lime	180	225		
Sand	225	255		
Slate	255	375		
Sand	375	440		
Slate	440	530		
Lime	530	580		
Sand	580	625		
Slate	625	715		
Sand	715	825		
Slate	825	970		
Salt Sand	970	1575		
Little Sand	1575	1605		
Pencil Cave	1605	1610		
Big Lime	1610	1780		
Big Injun	1780	1850		
Slate Lime	1850	2100		
Slate	2100	2267		
Brown Shale	2267	2287		
Herea Sand	2287	2310		

Purchased 12-11-41 from Virginian Gasoline and Oil Company.

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date September 3, 1910 90 Quarts Sand Result Packer Size Depth Set
	Feet	In.	Feet	In.	Feet	In.	
6 5/8"	1615				1615		
8 1/4"	310						
10" W. lined.	16				16		

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_

Approved by G. E. Stout Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02168

Record of Well No. 1 on W. H. Nelson Farm \_\_\_\_\_ Acres  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Bkg Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov 11, 1968 Completed Jan 15, 1969  
 Cost per foot \_\_\_\_\_ Contractor Walter B. ... Address ...  
 Driller's Names J. C. ... & J. ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
11				212		1840				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
11						1840				

OIL WELL X

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Reels	Size of Packer	Depth Set	Tubing	1st Month Pressure	Rock Pressure
11		2.5 gal	2 1/2" 197	80 ft					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
...		10	10	E = 1039.17
...	10	30	20	
...	30	40	10	
...	40	60	20	
...	60	80	20	
...	80	240	160	
...	240	290	50	Water out 200 ft. in
...	290	320	30	Small sand core
...	320	380	60	
...	380	435	55	
...	435	535	100	
...	535	575	40	top of shell color zone
...	575	650	75	sandy, steel core measurement
...	650	720	70	meat 2178, Bottom of Co.
...	720	780	60	2118 top of 2nd shell 2356
...	780	880	100	steel core measurement
...	880	930	50	Bottom of no. 2411
...	930	1000	70	
...	1000	1080	80	
...	1080	1090	10	top sand sand 1140
...	1090	1140	50	8 ft water 1160
...	1140	1740	600	hole full water at 1740
...	1740	1818	78	
...	1818	1825	7	
...	1825	2000	175	
...	2000	2055	55	thin gas 20 ft in zone
...	2055	2516	461	
...	2516	2536	20	oil base 20 ft in
...	2536	2537	1	Bottom of sand zone

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 2 on 11001 Nelson Farm Acres  
 Field, District County

47-043-30703

Rig Commenced 19 Completed 19

Drilling Commenced May 29 1913 Completed July 19 1913

Cost per foot, 1.16 Contractor, Miller Bros Address, Lawhey, W.V.

Drillers' Names D.H. Thom, J.M. Becht & A.H. Miller

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
15						1775				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
15						1775				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Block Pressure
7/23/13	8007								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		12	12	EI = 978.95
Red Rock	12	55	43	
Sand	55	65	10	Water 4 Bails 65'
Red Rock	65	150	85	
Sand	150	285	35	10" hole 350'
Slate & shells	285	350	65	
Slate	350	380	30	
Sand	380	500	120	
Slate	500	520	20	
Sand	520	600	80	
Coal	600	603	3	
Sand	603	728	125	
Slate & shells	728	843	115	hole full at 1150'
and	843	988	145	
Slate	988	1060	72	
Salt sand	1060	1730	670	
Black lime	1730	1765	35	
Beucif.	1765	1770	5	
White lime	1770	1960	190	
Syrup	1960	2045	85	Water in Syrup
Slate & shells	2045	2200	155	
Slate	2200	2434	434	
Brown shale	2434	2454	20	
Bona sand	2454	2476	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02169

Well No. **3** *P. F. Nelson* Farm **30** Acres  
 Lease No. *Alvial* District *Lincoln* County *W. Va.* State  
 Contractor **SOUTH PENN DRILLING 10418 AC.** Contractor  
 Drilling Commenced *Nov. 17, 1920* Drilling Completed *Dec. 18, 1920*  
 N. *S. 80-81* E. *W. 75*

ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS
Conductor		16	EI = 855.77	
Clay		15		
limestone	15	50		
limestone	50	100		
limestone	100	135		
limestone	135	260		
limestone	260	375		
limestone	375	380		
limestone	380	410		
1/4" casing		385		
limestone	410	610		
limestone	610	710		
limestone	710	806		
limestone	806	870		
limestone & shelled	870	1010		
alt sand	1010	1584		
water - Hole Full		1060		
break	1584	1574		
unknown sand	1574	1614		
break	1614	1674		
black shale	1674	1648		
limestone	1648	1653		

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT**

PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount Sand Result	Packer Size	Depth Set
SIZE	FEET IN.	FEET IN.	FEET IN.	FEET IN.	FEET IN.				

Production First 24 Hours..... Bbls. Gas Test.....  
 Approved by..... Superintendent.....

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47,043-02169

Well No. 3	T. P. Mohan		Farm	Acres
Lease No.	District		County	State
Drilling Commenced	Contractor		Contractor	
N.	192	Drilling Completed	192	
	S.	E.	W.	
ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS
Big Lime	1653	1830		
6 7/8" casing		1070	1670	
Gas		1715	1115	
Big Lime	1830	1875		
Plate & Shells	1875	1914		
Green shale	1914	1937		
Green sand	1937	1954		
Oil	1954	1950		
Total depth		1954	1954	skilled thru Berea

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result
	FEET	IN.	FEET	IN.	FEET	IN.				
8 1/4"	385	-	385	-			17-11-20	80 yds	Green	Open Blow
6 7/8"	1685	-								

Packer Size 6 1/2" St. Steel Used

Depth Set 1670

Production First 24 Hours 4 Bbls. Gas Test \_\_\_\_\_

Approved by A. H. [Signature] Superintendent.

RECEIVED  
Office of Oil and Gas

JUN 01 2015

47-043-02169

Well No. 3	T. H. Nelson		Farm	Acres
Lease No.	District		County	State
Drilling Commenced	Contractor	192	Drilling Completed	Contractor
N.	S.	E.	W.	
ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS
Big Lime	1653	1830		
6 7/8" casing		1770	1670	
Gas		1715	1715	
Big Limestone	1833	1875		
State of Indiana	1875	1914		
Green shale	1914	1957		
Green shale	1954	1954		
Well	1940	1950		
Total depth		1954	1954	skilled thru Berea

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result
	FEET	IN.	FEET	IN.	FEET	IN.				
8 1/4"	385	-	385	-			17/2/20	80 yds	Reused	Open flow
6 7/8"	1685	-								

Packer Size 6 7/8" int. Shoe Used

Depth Set 1670

Production First 24 Hours 4 Bbls. Gas Test \_\_\_\_\_

Approved by A. H. Amhurst Superintendent.

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30845

RECORD of Well No. 1 on U. P. C. Farm Acres 500  
 Field, Lanes District, Lanes County,

Rig Commenced 19 Completed 19  
 Drilling Commenced 1929 Completed 1929  
 Cost per foot, 1.12 Contractor, McWright & McWright Address, Parkersburg.  
 Drillers' Names, J. B. Collett and G. L. Kelley

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 1/2 inch
11			355			1145				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 1/2 inch
						1145				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/15/29	1000								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand	20	350	360	Gas at 400
Mud	350	340	10	
Coal	390	344	4	
Sand & Lime	344	700	362	+
Sand	700	770	70	Water at 750 - 4 inches
Lime	770	1000	230	
Salt Sand	1000	1560	560	Big Water 1010
Mud & Shells	1560	1585	25	
Lime	1585	1615	30	
Shale	1615	1630	15	
Big Lime	1630	1805	175	
Shale	1805	1895	90	
Mud & Shells	1845	1950	105	
Sand & Lime	1950	2015	65	
Mud & Shells	2015	2240	225	
Shale	2290	2303	13	Oil at 2305
Shale	2303	2320	17	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30401

RECORD of Well No. 2 on C. P. O'Leary Farm Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Feb 14 1910, Completed Mar 25 1910  
 Cost per foot. 1.15 Contractor W. D. Smith & Co. Inc. Pitt. Address Franklin, W. Va.  
 Drillers' Names W. D. Smith & Co. Inc.

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>16</u>				<u>300</u>		<u>1535</u>	<u>1535</u>			

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
<u>16</u>						<u>1534</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Casing Pressure	Rock Pressure
<u>2/20/10</u>	<u>5 1/2</u>	<u>2 1/2</u>	<u>4 1/2</u>	<u>1 3/4</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Silt &amp; clay</u>		<u>16</u>	<u>16</u>	
<u>Sand</u>	<u>16</u>	<u>50</u>	<u>34</u>	
<u>Silt</u>	<u>50</u>	<u>100</u>	<u>50</u>	
<u>Sand</u>	<u>100</u>	<u>120</u>	<u>20</u>	
<u>Silt</u>	<u>120</u>	<u>160</u>	<u>40</u>	
<u>Sand</u>	<u>160</u>	<u>180</u>	<u>20</u>	
<u>Clay</u>	<u>180</u>	<u>185</u>	<u>5</u>	
<u>Silt</u>	<u>185</u>	<u>205</u>	<u>20</u>	
<u>Sand</u>	<u>205</u>	<u>235</u>	<u>30</u>	
<u>Silt</u>	<u>235</u>	<u>255</u>	<u>20</u>	
<u>Sand</u>	<u>255</u>	<u>280</u>	<u>25</u>	
<u>Clay</u>	<u>280</u>	<u>285</u>	<u>5</u>	
<u>Silt &amp; Sand</u>	<u>285</u>	<u>710</u>	<u>475</u>	
<u>Silt</u>	<u>710</u>	<u>800</u>	<u>40</u>	
<u>Sand</u>	<u>800</u>	<u>1460</u>	<u>660</u>	<u>Stops flow of water at 890</u>
<u>Silt</u>	<u>1460</u>	<u>1480</u>	<u>20</u>	
<u>Silt &amp; Sand</u>	<u>1480</u>	<u>1515</u>	<u>35</u>	
<u>Reddish Clay</u>	<u>1515</u>	<u>1520</u>	<u>5</u>	
<u>Silt &amp; Sand</u>	<u>1520</u>	<u>1710</u>	<u>190</u>	
<u>Silt &amp; Sand</u>	<u>1710</u>	<u>1790</u>	<u>80</u>	
<u>Silt</u>	<u>1790</u>	<u>1870</u>	<u>80</u>	
<u>Sand</u>	<u>1870</u>	<u>1960</u>	<u>90</u>	
<u>Silt &amp; Sand</u>	<u>1960</u>	<u>2182</u>	<u>222</u>	
<u>Sand</u>	<u>2182</u>	<u>2202</u>	<u>20</u>	
<u>Sand</u>	<u>2202</u>	<u>2220</u>	<u>18</u>	
<u>Silt</u>	<u>2220</u>	<u>2222</u>	<u>2</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

ABANDONED  
MAR. 16, 1944

47-043-30028

Record of Well No. 3 on A. P. Orley Farm, Acres 1/2  
ville Field, Durand District, Durand County, W.V.  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Dec 9 1909, Completed Feb 14 1910  
 Cost per foot, 1.10 Contractor, W. E. Brule & Co. Brule Address, Parkersburg, W.V.  
 Drillers' Names, Frank Toney & C. A. Kelly

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
		16	290			1638 - pulled 1535'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	4 1/2 inch
		16				103				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Block Pressure
<u>2 1/2 lbs</u>	<u>6.00</u>	<u>2.00</u>	<u>70 ft</u>						

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Sand</u>	<u>20</u>	<u>135</u>	<u>115</u>	<u>Water 125 - 8 barrels</u>
<u>Slate</u>	<u>135</u>	<u>152</u>	<u>17</u>	
<u>Sand</u>	<u>152</u>	<u>385</u>	<u>233</u>	
<u>Coal</u>	<u>385</u>	<u>390</u>	<u>5</u>	
<u>Sand</u>	<u>390</u>	<u>445</u>	<u>55</u>	<u>4 barrels water</u>
<u>Sand &amp; shales</u>	<u>445</u>	<u>940</u>	<u>495</u>	
<u>Top soil sand</u>	<u>940</u>	<u>1560</u>	<u>620</u>	<u>Water, hole full 990</u>
<u>Little Lime</u>	<u>1560</u>	<u>1605</u>	<u>45</u>	
<u>Crinoid Shale</u>	<u>1605</u>	<u>1615</u>	<u>10</u>	
<u>Big Lime</u>	<u>1615</u>	<u>1792</u>	<u>177</u>	<u>6 3/4 casing 1638</u>
<u>Green sand</u>	<u>1792</u>	<u>1835</u>	<u>43</u>	
<u>Shale &amp; shales</u>	<u>1835</u>	<u>2305</u>	<u>470</u>	
<u>Brown shale</u>	<u>2305</u>	<u>2321</u>	<u>16</u>	
<u>Brown sand</u>	<u>2321</u>	<u>2336</u>	<u>15</u>	<u>oil 2322</u>

"Abandoned"  
7-31-31

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30846

RECORD of Well No. 11 on A. P. C. Co. Farm Acres             
 Field            District            County            ✓

Rig Commenced            19           Completed            19            
 Drilling Commenced            1910 Completed            1910  
 Cost per foot            Contractor J. H. Williams & Co. Address, Lansing, Mich.  
 Drillers' Names           

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
<u>16</u>						<u>1780</u>					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
<u>16</u>						<u>1780</u>					

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	1st Year Pressure
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>          </u>		<u>16</u>	<u>16</u>	<u>          </u>
<u>          </u>	<u>16</u>	<u>110</u>	<u>100</u>	
<u>          </u>	<u>110</u>	<u>141</u>	<u>25</u>	
<u>          </u>	<u>141</u>	<u>245</u>	<u>104</u>	
<u>          </u>	<u>245</u>	<u>345</u>	<u>100</u>	
<u>          </u>	<u>345</u>	<u>400</u>	<u>55</u>	
<u>          </u>	<u>400</u>	<u>405</u>	<u>5</u>	
<u>          </u>	<u>405</u>	<u>970</u>	<u>565</u>	<u>575' 10" pipe</u>
<u>          </u>	<u>970</u>	<u>1010</u>	<u>40</u>	
<u>          </u>	<u>1010</u>	<u>1665</u>	<u>655</u>	<u>cut 10.30 at 1110</u>
<u>          </u>	<u>1665</u>	<u>1675</u>	<u>10</u>	
<u>          </u>	<u>1675</u>	<u>1685</u>	<u>10</u>	
<u>          </u>	<u>1685</u>	<u>1705</u>	<u>20</u>	
<u>          </u>	<u>1705</u>	<u>1770</u>	<u>65</u>	
<u>          </u>	<u>1770</u>	<u>1775</u>	<u>5</u>	
<u>          </u>	<u>1775</u>	<u>1925</u>	<u>150</u>	
<u>          </u>	<u>1925</u>	<u>2030</u>	<u>75</u>	
<u>          </u>	<u>2030</u>	<u>2110</u>	<u>80</u>	
<u>          </u>	<u>2110</u>	<u>2260</u>	<u>150</u>	
<u>          </u>	<u>2260</u>	<u>2435</u>	<u>175</u>	
<u>          </u>	<u>2435</u>	<u>2455</u>	<u>20</u>	
<u>          </u>	<u>2455</u>	<u>2473</u>	<u>18</u>	
<u>          </u>	<u>2473</u>	<u>2475</u>	<u>2</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-70 262

RECORD of Well No. 5 on A. P. O'Leary Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced June 23 1910, Completed Aug 22 1910  
 Cost per foot, 1.15 Contractor, Hawkey & Furman Drilling Address, Hawkey, W. Va.  
 Drillers' Names, M. F. Harris & Guy Louden

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1/8 Inch	4 1/2 Inch
<u>16</u>						<u>Pulled 1985</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 1/8 Inch	4 1/2 Inch
<u>16</u>						<u>Pulled 1985</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>8/27/10</u>	<u>60 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>12</u>	<u>12</u>	
<u>Red Brack</u>	<u>12</u>	<u>60</u>	<u>48</u>	
<u>Sand</u>	<u>60</u>	<u>80</u>	<u>20</u>	
<u>Slate</u>	<u>80</u>	<u>130</u>	<u>50</u>	
<u>Sand</u>	<u>130</u>	<u>155</u>	<u>25</u>	
<u>Slate</u>	<u>155</u>	<u>195</u>	<u>40</u>	
<u>Sand</u>	<u>195</u>	<u>245</u>	<u>50</u>	
<u>Slate</u>	<u>245</u>	<u>335</u>	<u>90</u>	
<u>Sand</u>	<u>335</u>	<u>365</u>	<u>30</u>	
<u>Slate</u>	<u>365</u>	<u>410</u>	<u>45</u>	
<u>Sand</u>	<u>410</u>	<u>460</u>	<u>50</u>	
<u>Slate</u>	<u>460</u>	<u>520</u>	<u>60</u>	
<u>Sand</u>	<u>520</u>	<u>560</u>	<u>40</u>	
<u>Slate</u>	<u>560</u>	<u>565</u>	<u>5</u>	
<u>Sand &amp; Lime</u>	<u>565</u>	<u>1185</u>	<u>620</u>	<u>610 ft of 10" hole</u>
<u>Slate</u>	<u>1185</u>	<u>1200</u>	<u>15</u>	
<u>Salt Sand</u>	<u>1200</u>	<u>1880</u>	<u>680</u>	
<u>Slate</u>	<u>1880</u>	<u>1885</u>	<u>5</u>	<u>Hole full of water at 1340</u>
<u>Red Rock</u>	<u>1885</u>	<u>1845</u>	<u>10</u>	
<u>Lime</u>	<u>1895</u>	<u>1905</u>	<u>10</u>	
<u>Slate</u>	<u>1905</u>	<u>1935</u>	<u>30</u>	
<u>Thin Lime</u>	<u>1935</u>	<u>1972</u>	<u>37</u>	
<u>Dark Coal</u>	<u>1972</u>	<u>1975</u>	<u>3</u>	
<u>Big Lime</u>	<u>1975</u>	<u>2165</u>	<u>190</u>	
<u>Big Lime</u>	<u>2165</u>	<u>2245</u>	<u>80</u>	
<u>Slate</u>	<u>2245</u>	<u>2300</u>	<u>55</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

JUN 6, 1920

47.043-02170

RECORD of Well No. 1 on W. H. Valley Farm. Acres 100  
Miller Field, Dunn District Dunn County, W. Va.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced July 12 1910 Completed Aug 23 1910  
 Cost per foot, 1.10 Contractor J. H. Miller & Co. Address Richwood, W. Va.  
 Drillers' Names Ed Miller & Jim Danner

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1-10 inch	4 1/2 inch
<u>116</u>						<u>1847</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1-10 inch	4 1/2 inch
						<u>1847</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/12/10</u>	<u>9000</u>	<u>2 m shot</u>	<u>4 1/2 in</u>	<u>14000</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Red, Crk</u>		<u>10</u>	<u>10</u>	<u>101-1075</u>
<u>Shale</u>	<u>10</u>	<u>150</u>	<u>140</u>	
<u>Sand</u>	<u>150</u>	<u>320</u>	<u>170</u>	
<u>Coal</u>	<u>320</u>	<u>330</u>	<u>10</u>	
<u>Shale &amp; Shells</u>	<u>330</u>	<u>465</u>	<u>135</u>	<u>Hole down to 370</u>
<u>Sand &amp; Shells</u>	<u>465</u>	<u>620</u>	<u>155</u>	
<u>Sand &amp; Shells</u>	<u>620</u>	<u>847</u>	<u>227</u>	
<u>Sand</u>	<u>847</u>	<u>1130</u>	<u>283</u>	
<u>Shale</u>	<u>1130</u>	<u>1170</u>	<u>40</u>	
<u>of sand sand</u>	<u>1170</u>	<u>1800</u>	<u>630</u>	<u>Water hole full - 1195</u>
<u>Shale</u>	<u>1800</u>	<u>1805</u>	<u>5</u>	
<u>Sand &amp; shells</u>	<u>1805</u>	<u>1830</u>	<u>25</u>	<u>Sand &amp; shells 1956</u>
<u>Conc. shale</u>	<u>1830</u>	<u>1836</u>	<u>6</u>	
<u>Big Sand</u>	<u>1836</u>	<u>2036</u>	<u>190</u>	
<u>Red shale</u>	<u>2036</u>	<u>2110</u>	<u>74</u>	
<u>Shale</u>	<u>2110</u>	<u>2175</u>	<u>65</u>	
<u>Blue Shells</u>	<u>2175</u>	<u>2270</u>	<u>95</u>	
<u>Shale</u>	<u>2270</u>	<u>2503</u>	<u>213</u>	
<u>Dunn Shale</u>	<u>2503</u>	<u>2513</u>	<u>10</u>	
<u>Dunn Sand</u>	<u>2513</u>	<u>2536</u>	<u>23</u>	<u>2515</u>

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-31203

RECORD of Well No. 2 on B. S. O'Leary Farm ... Acres  
 Field, ... District, ... County  
 Rig Commenced 19... Completed 19...  
 Drilling Commenced Aug 15 1913 Completed Dec 12 1913  
 Cost per foot, 1.10 Contractor, Miller Bros Address, St. Louis, Mo.  
 Drillers' Names, W. L. Miller, John Murray, J. Sanderson.

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
10				2180		1640				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
10						1640				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
12/17/13	80 lbs.								

FORMATION

TOP

BOTTOM

THICKNESS

REMARKS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Spil		8	8	Hole filled up from
Sand	8	80	72	Salt sand at 1990
Shale	80	95	15	
Sand	95	160	65	EI-630
Shale	160	200	40	
Sand	200	230	30	
Shale	230	250	20	
Sand	250	270	20	
Shale	270	275	5	
Dark Lime	275	305	30	
Sand	305	350	45	
Shale	350	390	40	
Sand	390	470	80	
Shale & Shells	470	480	10	
Sand	480	570	90	
Shale	570	630	60	
Sand	630	780	150	
Shale & Shells	780	920	140	
Light Sand	920	1595	675	
Black Lime	1595	1630	35	
Crust	1630	1635	5	
White Lime	1635	1815	180	
Super Sand	1815	1885	70	
White Shale	1885	2296	411	
Brown Shale	2296	2314	18	
Bona Sand	2314	2336	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 1 on Howard H. Key Farm Acres 2.5  
 Wells Field, Quail District, L. Lincoln County.

47-043-30756

Rig Commenced ..... 19 .. Completed ..... 19  
 Drilling Commenced July 6 1909. Completed Aug 13 1909  
 Cost per foot 1.15 Contractor, Miller Bros. Address, Yonkers, N.Y.  
 Drillers' Names, Henry C. Miller & E. H. Briggs

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
<u>14'</u>						<u>1780</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 inch	5 1/2 inch	5 - 10 inch	4 1/2 inch
<u>14'</u>						<u>1780</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>7/21/09</u>	<u>400</u>	<u>2 1/2</u>	<u>2 1/2</u>	<u>120</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Aluminum</u>		<u>19</u>	<u>19</u>	
<u>Shale</u>	<u>19</u>	<u>160</u>	<u>141</u>	<u>Reamed from 10" hole to</u>
<u>Thin black</u>	<u>160</u>	<u>175</u>	<u>15</u>	<u>5" hole at 375'</u>
<u>Sand</u>	<u>175</u>	<u>235</u>	<u>60</u>	
<u>Thin black</u>	<u>235</u>	<u>285</u>	<u>50</u>	
<u>Sand</u>	<u>285</u>	<u>310</u>	<u>25</u>	
<u>Shale</u>	<u>310</u>	<u>400</u>	<u>90</u>	<u>5 barrels water in salt</u>
<u>Sand</u>	<u>400</u>	<u>470</u>	<u>70</u>	<u>seal at 1175 ft hole</u>
<u>Shale</u>	<u>470</u>	<u>495</u>	<u>25</u>	<u>filled full at 1215 ft</u>
<u>Sand</u>	<u>495</u>	<u>515</u>	<u>20</u>	
<u>Silt</u>	<u>515</u>	<u>540</u>	<u>25</u>	<u>Gas in Bigelow at 1847</u>
<u>Sand</u>	<u>540</u>	<u>600</u>	<u>60</u>	<u>at 117' in line</u>
<u>Shale</u>	<u>600</u>	<u>675</u>	<u>75</u>	
<u>Sand</u>	<u>675</u>	<u>725</u>	<u>50</u>	
<u>White M. to</u>	<u>725</u>	<u>800</u>	<u>75</u>	
<u>Sand</u>	<u>800</u>	<u>910</u>	<u>110</u>	
<u>Shale</u>	<u>910</u>	<u>950</u>	<u>40</u>	
<u>Sand</u>	<u>950</u>	<u>1040</u>	<u>90</u>	
<u>Shale</u>	<u>1040</u>	<u>1080</u>	<u>40</u>	
<u>Salt bank</u>	<u>1080</u>	<u>1740</u>	<u>660</u>	
<u>White sand</u>	<u>1740</u>	<u>1775</u>	<u>35</u>	
<u>Small coarse</u>	<u>1775</u>	<u>1780</u>	<u>5</u>	
<u>Small coarse</u>	<u>1780</u>	<u>1940</u>	<u>160</u>	
<u>Sand</u>	<u>1940</u>	<u>1995</u>	<u>55</u>	
<u>Blue shale</u>	<u>1995</u>	<u>2474</u>	<u>479</u>	
<u>Dark sand</u>	<u>2474</u>	<u>2494</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-3075B

RECORD of Well No. 2 on Winnick L. Ferry Farm Acres 11.5  
 Field Local District Lincoln County ...  
 Commenced 19 Completed 19  
 Drilling Commenced Sept 2 1909 Completed Oct 19 1909  
 Cost per foot 1.10 Contractor Miller Bros Address Franklin, W. Va.  
 Drillers' Names W. H. Johnson & E. L. Higgs

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
11						1720				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
11						1720				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Doph Sol	Tubing	1st Mils Pressure	Rock Pressure
10/2	2"	2 no shot	1 1/2"	150'					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Red Rock	11	30	19	325 ft of 10" side, in 8"
Sand	30	75	45	casing used
Sand	75	180	105	
Sand	180	240	60	Some water at 1100
Sand Shells + Slate	240	325	85	Hole filled up at 1115
Sand	325	420	95	
Slate	420	450	30	23 ft Bone Sand
Sand	450	490	40	
Slate	490	515	25	Hole filled up 400
Sand	515	560	45	standing over night
Slate	560	575	15	
Sand	575	610	35	
Slate	610	615	5	
Sand	615	680	65	
Slate	680	830	150	
Sand	830	845	15	
Slate	845	860	15	
Sand	860	870	10	
Slate	870	900	30	
Sand	900	915	15	
Slate	915	980	65	
Sand	980	995	15	
Slate	995	1030	35	
Sand	1030	1045	15	
Slate	1045	1070	25	
Sand	1070	1115	45	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30526

Record of Well No. 3 on Levin & Co. Farm Acres Jeffers  
 Field Levin District Levin County Jeffers

Rig Commenced 19 Completed 19  
 Drilling Commenced Oct 24 1909. Completed Dec 15 1909  
 Cost per foot. 1.10 Contractor W. H. Beck Address Jeffers, W. Va.  
 Drillers' Names H. H. Beck & W. H. Beck

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 1/4 inch
<u>14</u>						<u>1645</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 1/4 inch
<u>14</u>						<u>1645</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Static Pressure	Rock Pressure
<u>12/24</u>	<u>4 1/2"</u>	<u>2.00</u>	<u>1 1/2"</u>	<u>1300 ft</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Surface</u>		<u>14</u>	<u>14</u>	<u>250 ft 10" casing</u>
<u>Soft rock</u>	<u>14</u>	<u>30</u>	<u>16</u>	<u>No 8" casing used, 1645 ft</u>
<u>Sand</u>	<u>30</u>	<u>75</u>	<u>45</u>	<u>6 3/4" casing used H. &amp; S. casing</u>
<u>Soft &amp; Shale</u>	<u>75</u>	<u>200</u>	<u>125</u>	<u>W. V.</u>
<u>Clay</u>	<u>200</u>	<u>203</u>	<u>3</u>	
<u>Sand</u>	<u>203</u>	<u>350</u>	<u>147</u>	<u>Soak pit in sand, salt</u>
<u>Shale &amp; Sand</u>	<u>350</u>	<u>640</u>	<u>290</u>	<u>soak water at 1060 ft.</u>
<u>Sand</u>	<u>640</u>	<u>765</u>	<u>125</u>	
<u>Lime</u>	<u>765</u>	<u>800</u>	<u>35</u>	<u>EI 842.64</u>
<u>Sand</u>	<u>800</u>	<u>930</u>	<u>130</u>	
<u>Lime</u>	<u>930</u>	<u>980</u>	<u>50</u>	
<u>Salt Sand</u>	<u>980</u>	<u>1390</u>	<u>410</u>	
<u>Little Lime</u>	<u>1390</u>	<u>1625</u>	<u>235</u>	
<u>Blue Clay</u>	<u>1625</u>	<u>1628</u>	<u>3</u>	
<u>Big Lime</u>	<u>1628</u>	<u>1810</u>	<u>182</u>	
<u>Big Lime</u>	<u>1810</u>	<u>1870</u>	<u>60</u>	
<u>Blue Clay</u>	<u>1870</u>	<u>2327</u>	<u>457</u>	
<u>Blue Sand</u>	<u>2327</u>	<u>2348</u>	<u>21</u>	
<u>Bit. Sand</u>	<u>2348</u>			
<u>Pocket</u>			<u>3</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043 - 02171

Case No. 71077 Acres 109 Farm Name Leonard Oxler Well No. 4  
1/4 Sec 12 SW 1/4 Mi NE from Cr U.S. 111 W. 111 Co. 111 Mid. Va.  
 N. S 12 - 81 E W. 77 Location Made Purchased From Big Creek Dev. Co.  
 Civil District Duval Rig Completed Date Purchased  
 County Lincoln Dr'g Commenced Dec. 8, 1909 Sold To  
 State W. Va. Dr'g Completed Jan. 27, 1910 Per ft.  
 GAS OIL Rights Owned By Dr'g Contractor Weiler Bros. 1-10/100  
 Date Abandoned

FORMATION					CASING RECORD				
Kind	Top	Bottom	Steel Line Measurement	Tests	Size	Bottom Casing (Steel Line)	Put In Well (Tally Meas.)	Pulled (Tally Meas.)	Cemented
Salt Sand	1115	1605			Cond.		12" g		Date
Little Lime	1745	1785			6-5/8		1800		Size Csg.
Pencil Cave	1785	1793			5 1/2		1870 (3-332-c)		Top "
Big Lime	1793	1965							Bot. "
Big Injun	1965	2020							
Brown Shale	2455	2475							
Berea	2475	2497							

PACKERS AND SHOES			
Kind	Size	Depth Set	Date Set
Hook Well	6 3/4 x 5 1/2 x 16		5-2-41

TORPEDO RECORD						
Date	No. Qts.	Size Shell	Top Shot	Bottom	Results	
1-28-1910	90					

DRILLING DEEPER				
Commenced	Completed	Original Depth	Final Depth	Contractor

ABANDONMENT RECORD					
Filled With	From	To	PLUG		
			Size	Kind	Depth

Initial Prod.	Sand	* At Completion	* 30 Days After	*
Oil				
Gas				

APPROVED

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

500	520	20	1115
500	630	110	
630	690	60	
690	800	110	
800	830	20	
830	900	50	
900	930	30	
930	1010	50	
1010	1010	30	
1060	1150	40	
1150	1175	25	
1175	1330	655	
1330	1365	35	
1365	1370	5	

FI 1055.03

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30892

RECORD of Well No. 5 on W. 1/4 Sec 16, T. 10N, R. 10E Farm Acres  
 Field ... District ... County ...  
 Commenced ... 19 ... Completed ... 19 ...  
 Drilling Commenced ... 1910 Completed May 28 1910  
 Cost per foot ... Contractor ... Address ...  
 Drillers' Names ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
11						1874					

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
11						1874					

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
5/28/10	40 lb.	2.5 gal	3/4" 14	130 ft					
	FORMATION		TOP	BOTTOM	THICKNESS				REMARKS
	...		16	16	16	430'	10"		...
	...		16	30	14	110'	8"		...
	...		30	30	20				...
	...		30	95	45	2'			...
	...		45	210	115				...
	...		210	240	30				...
	...		240	300	60				...
	...		300	345	45				...
	...		345	500	145				...
	...		500	520	20				...
	...		520	630	110				...
	...		630	690	60				...
	...		690	800	110				...
	...		800	820	20				...
	...		820	900	80				...
	...		900	930	30				...
	...		930	1010	80				...
	...		1010	1060	50				...
	...		1060	1150	90				...
	...		1150	1175	25				...
	...		1175	1330	655				...
	...		1330	1365	35				...
	...		1365	1390	25				...
	...		1390	2050	180				...
	...		2050	2120	70				...
	...		2120	2505	385				...

E1 1055.03

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30762

RECORD of Well No. *6* on *Norwood W. Day* Farm Acres  
 Field, District County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced *Aug 22* 19*12*, Completed *Oct 7* 19*12*  
 Cost per foot, *1.10* Contractor, *Weller Bros* Address, *Gauley, WV*  
 Drillers' Names, *W. B. Briston, M. Carmichael & Frank Elliott*

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16 Inch	4 3/8 Inch
<i>16</i>						<i>1615</i>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 3/8 Inch	5 3-16 Inch	4 3/8 Inch

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<i>10/8/12</i>	<i>80 gr</i>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<i>Aluminum</i>		<i>12</i>	<i>12</i>	<i>10" hole 405'</i>
<i>Slate</i>	<i>12</i>	<i>20</i>	<i>8</i>	
<i>Brick Rock</i>	<i>20</i>	<i>75</i>	<i>55</i>	<i>Enter 5' 12' 02</i>
<i>Sand</i>	<i>75</i>	<i>100</i>	<i>25</i>	
<i>Slate</i>	<i>100</i>	<i>260</i>	<i>160</i>	
<i>Sand</i>	<i>260</i>	<i>400</i>	<i>140</i>	
<i>Coal</i>	<i>400</i>	<i>405</i>	<i>5</i>	
<i>Slate</i>	<i>405</i>	<i>480</i>	<i>75</i>	
<i>Sand</i>	<i>480</i>	<i>620</i>	<i>140</i>	
<i>Slate</i>	<i>620</i>	<i>700</i>	<i>80</i>	
<i>lime</i>	<i>700</i>	<i>740</i>	<i>40</i>	
<i>Slate</i>	<i>740</i>	<i>850</i>	<i>110</i>	
<i>Sand</i>	<i>850</i>	<i>905</i>	<i>55</i>	
<i>Slate</i>	<i>905</i>	<i>945</i>	<i>40</i>	
<i>Salt sand</i>	<i>945</i>	<i>1520</i>	<i>615</i>	<i>Hole full water at 1010'</i>
<i>Black lime</i>	<i>1520</i>	<i>1595</i>	<i>35</i>	
<i>Quartz slate</i>	<i>1595</i>	<i>1603</i>	<i>8</i>	
<i>White lime</i>	<i>1603</i>	<i>1763</i>	<i>160</i>	
<i>Impure sand</i>	<i>1763</i>	<i>1823</i>	<i>60</i>	
<i>Shells &amp; Slate</i>	<i>1823</i>	<i>2275</i>	<i>452</i>	
<i>Brown shale</i>	<i>2275</i>	<i>2299</i>	<i>24</i>	<i>Shot. 9/14/12 - 1760 ft. - Reval.</i>
<i>Red sand</i>	<i>2299</i>	<i>2319</i>	<i>20</i>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30770

RECORD of Well No. 7 on Leonard Bailey Farm

Field, District

Acres

County

Work Commenced

19

Completed

19

Drilling Commenced

Oct 10

1912

Completed

Nov 18

1912

Cost per foot, 1.15

Contractor,

Yantley & Thompson Drilling Co.

Address,

Yantley, W. Va.

Drillers' Names

P. J. Yantley & E. S. Brown

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>				<u>365</u>		<u>1570</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1570</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>11/19/12</u>	<u>80 qt</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Conductor</u>		<u>16</u>	<u>16</u>	
<u>Shale + Shells</u>	<u>16</u>	<u>125</u>	<u>109</u>	
<u>Coal</u>	<u>125</u>	<u>128</u>	<u>3</u>	
<u>Sand + Sand</u>	<u>128</u>	<u>350</u>	<u>222</u>	
<u>Coal</u>	<u>350</u>	<u>355</u>	<u>5</u>	
<u>Sand + Shale</u>	<u>355</u>	<u>920</u>	<u>565</u>	
<u>Sand + sand</u>	<u>920</u>	<u>1505</u>	<u>585</u>	<u>Well full of water at 950'</u>
<u>Shale</u>	<u>1505</u>	<u>1525</u>	<u>20</u>	
<u>Little Limestone</u>	<u>1525</u>	<u>1555</u>	<u>30</u>	
<u>Pinch Limestone</u>	<u>1555</u>	<u>1560</u>	<u>5</u>	
<u>Big Limestone</u>	<u>1560</u>	<u>1745</u>	<u>185</u>	
<u>Big Limestone</u>	<u>1745</u>	<u>1815</u>	<u>70</u>	<u>Limestone Big Limestone at 1680'</u>
<u>Shale</u>	<u>1815</u>	<u>1875</u>	<u>60</u>	
<u>Sandstone</u>	<u>1875</u>	<u>1975</u>	<u>100</u>	
<u>Shale</u>	<u>1975</u>	<u>2227</u>	<u>252</u>	
<u>Brown Shale</u>	<u>2227</u>	<u>2249</u>	<u>22</u>	
<u>Bona Sand</u>	<u>2249</u>	<u>2269</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30876

RECORD of Well No. 8 on Howard Orley Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced July 3 1912 Completed Aug 14 1912  
 Cost per foot, 1.15 Contractor, Hankey & Furman Dril Co. Address, Hankey, Ill.  
 Drillers' Names P. J. Kirby & C. S. Brown.

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>14</u>										<u>1755</u>

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>14</u>										<u>1755</u>

OIL WELL.

GAS WELL.

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>8/15/12</u>	<u>80qt</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface & clay		14	14	EL= 200
Sand	14	34	20	
Shale & sand	34	290	256	
Coal	290	293	3	
Shale & sand	293	465	172	
Coal	465	469	4	
Shale & sand	469	1085	616	
Salt sand	1085	1683	598	
Shale	1683	1713	30	470' 10" hole.
Little lignite	1713	1743	30	
Pencil bar	1743	1748	5	Note first of water at 1175
Big lignite	1748	1928	180	
Big lignite	1928	1993	65	Gas in big lignite at 1884'
Shale	1993	2053	60	
Shells	2053	2203	150	
Shale	2203	2413	210	
Brown shale	2413	2433	20	
Bona sand	2433	2455	22	

Shot 8-17-35  
 100qt.  
 Top 2457' RECEIVED 2457'  
 Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

47-043-30241

RECORD of Well No. 9 on Leeward Bailey Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Feb 7 1914, Completed March 25 1914  
 Cost per foot, 1.15 Contractor, Yarshay & Furman Dist. Co. Address, Yarshay, W.V.  
 Drillers' Names J. M. S. Patton & Frank Bassett

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/4 Inch
<u>16</u>						<u>1800</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/4 Inch
<u>16</u>						<u>1800</u>				

OIL WELL 1800 pulled GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roils	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>2/26/14</u>	<u>80qt</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		<u>16</u>	<u>16</u>	
Red Rock	<u>16</u>	<u>45</u>	<u>29</u>	
Slate	<u>45</u>	<u>70</u>	<u>25</u>	
Red Rock	<u>70</u>	<u>100</u>	<u>30</u>	
Slate	<u>100</u>	<u>120</u>	<u>20</u>	
Sand	<u>120</u>	<u>140</u>	<u>20</u>	
Slate	<u>140</u>	<u>200</u>	<u>60</u>	<u>470' 10" hole</u>
Sand	<u>200</u>	<u>260</u>	<u>60</u>	
Slate	<u>260</u>	<u>300</u>	<u>40</u>	
Sand	<u>300</u>	<u>560</u>	<u>260</u>	
Slate	<u>560</u>	<u>600</u>	<u>40</u>	
Sand	<u>600</u>	<u>820</u>	<u>220</u>	<u>Abandoned</u>
Coal	<u>820</u>	<u>825</u>	<u>5</u>	<u>4/29/41</u>
Slate	<u>825</u>	<u>900</u>	<u>75</u>	
Sand	<u>900</u>	<u>960</u>	<u>60</u>	
Slate & Shells	<u>960</u>	<u>1150</u>	<u>190</u>	
Salt sand	<u>1150</u>	<u>1750</u>	<u>600</u>	<u>Stole full of water @ 1200'</u>
Slate	<u>1750</u>	<u>1755</u>	<u>5</u>	
Little Lime	<u>1755</u>	<u>1785</u>	<u>30</u>	
Pencil Lave	<u>1785</u>	<u>1790</u>	<u>5</u>	
Big Lime	<u>1790</u>	<u>1970</u>	<u>180</u>	
Big Lym	<u>1970</u>	<u>2060</u>	<u>90</u>	
Slate	<u>2060</u>	<u>2120</u>	<u>60</u>	
Lime shells	<u>2120</u>	<u>2240</u>	<u>120</u>	
Slate	<u>2240</u>	<u>2380</u>	<u>140</u>	
Lime shells	<u>2380</u>	<u>2445</u>	<u>65</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 10 on Kiowa Valley Farm Acres .....  
 Field, ..... District ..... County .....  
 Rig Commenced ..... 19 ..... Completed ..... 19 .....  
 Drilling Commenced Aug 26 1913 Completed Oct 8 1913  
 Cost per foot, 1.15 Contractor, Yantley & Herman Drilling Co. Address, Yantley, W.V.  
 Drillers' Names Frank Barber & F. H. McSwain

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/4 Inch	6 1/2 Inch	5 3/8 Inch	5 3-16 Inch	4 3/4 Inch
15						1640				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/4 Inch	6 1/2 Inch	5 3/8 Inch	5 3-16 Inch	4 3/4 Inch
15						1640				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
10/1/13	80qt.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
-----------	-----	--------	-----------	---------

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		15	15	
Red Rock	15	60	45	
Sand	60	80	20	
Slate	80	120	40	
Red Rock	120	140	20	
Sand	140	185	45	400' of 10" hole
Coal	185	190	5	
Slate	190	250	60	
Sand	250	395	145	
Coal	395	400	5	
Slate	400	480	80	
Sand	480	600	120	
Slate	600	720	120	
Sand	720	760	40	
Slate	760	900	140	
lime shells & slate	900	990	90	hole full of water at 1040
slit sand	990	1585	595	
litle lime	1585	1620	35	
Round Cove	1620	1630	10	
Big Lime	1630	1810	180	
Big Lime	1810	1870	60	
Slate	1870	1940	70	
lime shells	1940	2020	80	
Slate	2020	2255	235	
lime shells	2255	2275	20	
Down shaft	2275	2295	20	
Down shaft	2295	2317	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 11 on Howard Wiley Farm Acres           
 Field,          District          County           
 Commenced          19          Completed          19           
 Drilling Commenced Dec 13 1913 Completed Jan 30 1914  
 Cost per foot, 1.15 Contractor, Frank & Anna Address, Frank, 400 W. 4th  
 Drillers' Names F. H. Williams & Frank Roberts

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
10						180'				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-10 Inch	4 1/2 Inch
10						180'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/31/14	8000'								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Quartzite		10	10	ES = 984.76
Sand	10	60	50	
Shale	60	100	40	
Red Rock	100	160	60	
Shale	160	200	40	
Sand	200	320	120	
Coal	320	325	5	460' 10" hole
Shale	325	350	25	
Sand	350	640	290	
Shale	640	820	180	
Sand	820	960	140	
Shale	960	1000	40	Stole feet of Water at 1200'
Green shale	1000	1125	125	
Sand	1125	1740	615	
Shale	1740	1745	5	Garnie Seize at 1900'
Milli Seize	1745	1785	40	
Parrot Cove	1785	1790	5	
Big Seize	1790	1970	180	
Big Seize	1970	2055	85	
Shale	2055	2105	60	
Green shale	2115	2205	90	
Shale	2205	2400	195	
Green shale	2400	2445	45	
Green shale	2445	2465	20	
Green shale	2465	2486	21	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 12 on Leonard Orley Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Oct 16 1913 Completed Nov 26 1913  
 Cost per foot, 11<sup>5</sup> Contractor Yarby & American Oil Co. Address Yarby, W.V.  
 Drillers' Names Frank Bassett & F. L. McShattan

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
15'						1625'				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
15'						1625'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/27/13	80 gr								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		15	15	EI = 808.68
Red Rock	15	40	25	
Sand	40	90	50	
Shale	90	100	10	
Sand	100	150	50	
Coal	150	155	5	
Shale	155	170	15	
Sand	170	320	150	
Shale	320	340	20	400' 10" hole
Sand	340	390	50	
Coal	390	395	5	
Shale	395	420	25	
Sand	420	620	200	
Shale	620	640	20	hole full of water at 1030'
Sand	640	820	180	
Shale	820	990	170	
Salt sand	990	1568	578	
Shale	1568	1578	10	
Little Lime	1578	1610	32	Gas in big line at 1725'
Quartz Lave	1610	1615	5	
Big lime	1615	1800	185	
Big Limestone	1800	1890	90	
Shale	1890	1960	70	
Lime shells	1960	2045	85	
Shale	2045	2250	205	
Shell	2250	2265	15	
...	...	...	...	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Well No. 13 Leonard Oxy Farm Acres  
 Lease No. Survival District Queens County WV State  
E. H. Jackson Contractor SOUTH PENN DRILLING TOOLS AC. Contractor  
 Drilling Commenced Dec 5 1917 Drilling Completed Jan 17 1918  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Conductor		16		
Sand	16	31		
Red rock	31	71		
Sand	71	120		
Slate	120	200		
Sand	200	260		
Red rock	260	340		
Sand	340	380		
Coal	380	384		
Sand	384	484		
Slate	484	544		
Sand	544	600		
Slate	600	610		
Coal	610	615		
Sand	615	630	625	
Slate	630	650		
Sand	650	850		
Slate	850	900		
Sand	900	965		
Slate	965	1105		
Sand	1105	1125		
Slate	1125	1195		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date
	FEET	IN.	FEET	IN.	FEET	IN.	
							Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours ... Bbls. Gas Test...

Approved by: \_\_\_\_\_ Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Well No. 13 Leonard Opley cmp Farm Acres  
 Lease No. District County State  
 Contractor Contractor  
 Drilling Commenced 191 Drilling Completed 191  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Salt Sand	1195	1731		
Water hole full	1220			
Gas	1235			
Slate	1731	1771		
Little Lime	1771	1808		
Cherie Lave	1808	1814		
Big Lime	1814	2012	18 22	
" Lumpy Sand	2012	2100		
Slates & shells	2100	2490		
Brown shale	2490	2510		
Berea Sand	2510	2530	25 10	
Clay	2512	2530		
Total depth		2530	25 30	

E. =

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result	Packer Size	Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.						
8 1/4	625		243				1/21/18	80 qts.	Berea	Open Flow		
6 3/8	1857											

Production First 24 Hours 5 Bbls. Gas Test.....

Approved by A. H. Anshutz Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 14 on Leonard O'Leary Farm Acres \_\_\_\_\_  
 Field, Dunal District Lincoln County WV  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced May 11 1917, Completed June 25 1917  
 Cost per foot, 1.25 Contractor, Yowhey & Furman Oil Co. Address, \_\_\_\_\_  
 Drillers' Names Boscoe Harris & Adm. Spurluck

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 3/4 Inch
<u>16</u>				<u>635</u>		<u>1840</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1840</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressu
<u>6/28/17</u>	<u>80g.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Clay</u>		<u>20</u>	<u>20</u>	<u>EI= 10-13</u>
<u>Sand</u>	<u>20</u>	<u>40</u>	<u>20</u>	
<u>Slate</u>	<u>40</u>	<u>120</u>	<u>80</u>	
<u>Sand</u>	<u>120</u>	<u>170</u>	<u>50</u>	
<u>Slate</u>	<u>170</u>	<u>230</u>	<u>60</u>	
<u>Sand</u>	<u>230</u>	<u>260</u>	<u>30</u>	
<u>Slate</u>	<u>260</u>	<u>400</u>	<u>140</u>	
<u>Sand</u>	<u>400</u>	<u>630</u>	<u>230</u>	
<u>Coal</u>	<u>630</u>	<u>633</u>	<u>3</u>	<u>two barrels water per hr. in line</u>
<u>Sand</u>	<u>633</u>	<u>800</u>	<u>167</u>	
<u>Slate</u>	<u>800</u>	<u>900</u>	<u>100</u>	
<u>Sand</u>	<u>900</u>	<u>1050</u>	<u>150</u>	
<u>Slate</u>	<u>1050</u>	<u>1100</u>	<u>50</u>	
<u>Sand</u>	<u>1100</u>	<u>1150</u>	<u>50</u>	
<u>Slate</u>	<u>1150</u>	<u>1200</u>	<u>50</u>	<u>100,000' gas in salt sand @ 1250'</u>
<u>Salt Sand</u>	<u>1200</u>	<u>1760</u>	<u>560</u>	<u>hole full water at 1260'</u>
<u>Slate</u>	<u>1760</u>	<u>1790</u>	<u>30</u>	
<u>Black Lime</u>	<u>1790</u>	<u>1825</u>	<u>35</u>	
<u>Pencil Cove</u>	<u>1825</u>	<u>1831</u>	<u>6</u>	
<u>Big Lime</u>	<u>1831</u>	<u>2020</u>	<u>189</u>	
<u>Engine Sand</u>	<u>2020</u>	<u>2090</u>	<u>70</u>	
<u>Slate</u>	<u>2090</u>	<u>2190</u>	<u>100</u>	
<u>Shells</u>	<u>2190</u>	<u>2280</u>	<u>90</u>	
<u>Slate &amp; Shells</u>	<u>2280</u>	<u>2500</u>	<u>220</u>	
<u>Black Shale</u>	<u>2500</u>	<u>2520</u>	<u>20</u>	
<u>Duna Sand</u>	<u>2520</u>	<u>2541</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043-30893

RECORD of Well No. 15 on Leonard Riley Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Oct 5 1916, Completed Nov 9 1916  
 Cost per foot, 1.15 Contractor, Yankey & Furman Drills Address, Mawhoy, WV  
 Drillers' Names Charles Marcus & Roscoe Harris

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
16				525		1790				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
16						1790				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/11/16	80g								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		16	16	EL= 960
Slate	16	20	4	
Red Rock	20	50	30	
Slate	50	100	50	
Sand	100	120	20	Gas in Big line at 1881
Slate	120	200	80	
Sand	200	230	30	
Slate	230	300	70	
Sand	300	520	220	
Coal	520	525	5	
Slate	525	555	30	
Sand	555	800	245	Hole full of salt water at 1200
Slate	800	850	50	
Sand	850	900	50	
Slate	900	1000	100	
Sand	1000	1050	50	
Slate	1050	1100	50	
Salt Sand	1100	1711	611	
Slate	1711	1741	30	
Little Line	1741	1776	35	
Pencil Core	1776	1781	5	
Big Line	1781	1971	190	
Big Injunc	1971	2041	70	
Slate	2041	2141	100	
Line Shells	2141	2231	90	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30795

RECORD of Well No. 16 on Leeward Cay Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced March 27 1917, Completed May 1 1917  
 Cost per foot, 1.25 Contractor, Frankley & Furman Drilling Address, Yorkway, W.V.  
 Drillers' Names Bascoe Adams and F. L. McWhorter

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16-Inch	4 1/2 Inch
<u>16</u>				<u>550</u>		<u>1754</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/2 Inch
<u>16</u>						<u>1754</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>5/4/17</u>	<u>80#</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	EI = 0
Sand	16	36	20	Hole full salt water 1155'
Slate	36	86	50	
Sand	86	126	40	Casing in line 5'
Slate	126	196	70	
Sand	196	246	50	Gas in line 120'
Slate	246	346	100	
Sand	346	346	200	
Coal	346	350	4	
Slate	350	580	30	
Sand	380	780	200	
Slate	780	830	30	
Sand	830	930	100	
Slate	930	1000	70	
Sand	1000	1050	50	
Slate	1050	1090	40	
Salt Sand	1090	1679	589	
Slate	1679	1709	30	
Black lime	1709	1744	35	
Parcel lime	1744	1749	5	
White lime	1749	1939	190	
Big lime	1939	1999	60	
Slate	1999	2099	100	
Shells	2099	2189	90	
Slate	2189	2419	230	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30796

Well No. 17 *Leonard Oxy* Farm Acres  
 Lease No. *Hoval* District *Lefevre* County *WV* State  
 Contractor *H. Aley* **SOUTH YORK DRILLING TOOLS CO** Contractor  
 Drilling Commenced *Oct 22* 1917 Drilling Completed *Nov 26* 1917  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Conductor		16		
Red iron	16	90		
slate	90	190		
sand	190	240		
Coal	240	245		
slate	245	360		
sand	360	395		
Coal	395	400		
slate	400	540	405	
sand	540	610		
slate	610	740		
sand	740	860		
slate	860	975		
saer sand	975	1580		
Water hole free	1035			
slate	1580	1590		
Little Lume	1590	1616		
Pumice	1616	1622		
Big Lume	1622	1812	1630	
Big Lume	1812	1872		
slate & shells	1872	2292		
Area sand	2293	2314	2293	

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date <i>11/28/17 - 80 qts</i>	Amount	Sand	Result
SIZE	FEET	IN.	FEET	IN.	FEET				

Production First 24 Hours..... Bbls. Gas Test.....

Approved by.....

Superintendent **RECEIVED**  
Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

Well No. 17  
Lease No.

Leonard Oxley <sup>21413</sup>  
District Contractor

Farm  
County

47-043-30796

Acres

State

Contractor

Drilling Commenced  
N.

S.

191

Drilling Completed  
E.

W.

191

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Oil Total depth	2295	2314 2314	2314	

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result
	FEET	IN.	FEET	IN.	FEET	IN.				
8 1/4	408		408				11-28-17	80 lbs		
6 3/8	1642	8					11-28-17	80 lbs		

Production First 24 Hours... 6 Bbls. Gas Test

Approved by *a. v. arushitz*

Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

COPY

Farm name: DEARDORFF, ANITA PAGE

Operator Well No.: L. OXLEY M-6

LOCATION: Elevation: 1,045'

Quadrangle: GRIFFITHSVILLE 7.5'

District: DUVAL

County: LINCOLN

Latitude: 150 Feet south of

38 Deg 15 Min 00 Sec.

Longitude: 2,850 Feet west of

81 Deg 57 Min 30 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: RALPH TRIPLET

Permit Issued: 08/12/08

Well work Commenced: 09/16/08

Well work Completed: \_\_\_\_\_

Verbal plugging permission granted on: \_\_\_\_\_

Rotary  Cable \_\_\_\_\_ Rig \_\_\_\_\_

Total Depth (feet) 4610

Fresh water depths (ft) NA

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing/ tubing Size	Used in Drilling	Left Remains in Well	Cement Fill Up Cu. Ft.
11 3/4"	463'	463'	345 sks
8 5/8"	1855'	1855'	305 sks
5 1/2"	4617.95'	4617.95'	180 sks

OPEN FLOW DATA

Producing formation Marcellus Pay zone depth (ft) 4530-4564

Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow \_\_\_\_\_ MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM, PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EAST RESOURCES, INC.

By: [Signature]

Date: 3/27/09

RECEIVED  
Office of Oil and Gas

JUN 01 2015

Leonard Oxley m-6  
47-043-03425

Treatment : Not Completed

<u>Well Log :</u>			
	0	298	Sand and Shale
	298	312	Sand
	312	376	Shale
	376	612	Sand
	612	658	Shale
	658	688	Sand
	688	694	Shale
	694	831	Sand
	831	836	Shale
	836	844	Sand
	844	868	Shale
	868	878	Sand
	878	944	Shale
	944	986	Sand
	986	1106	Shale
	1106	1138	Sand
	1138	1168	Shale
	1168	1197	Sand
	1197	1203	Shale
	1203	1354	Sand
	1354	1360	Shale
	1360	1374	Sand
	1374	1378	Shale
	1378	1646	Sand
	1646	1654	Shale
	1654	1777	Sand
	1777	1796	Shale
	1796	1840	Sand
	1840	1940	Big Lime
	1940	2042	McCrary Shale
	2042	2104	Big Injun
	2104	2492	Shale
	2492	2514	Coffee Shale
	2514	2540	Berea
	2540	4530	Shale
	4530	4564	Marcellus Shle
	4564	4640	Onondaga
	4640		TD

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-00451

Well No. 1 Z.A. Ranson Farm 25 1/2 Acres  
 Lease No. 20118 Duval Township Lincoln County W. Va. State  
 S.S. Stephens No. Contractor S.P. 79 Co. Drilling Contractor  
 Drilling Commenced Oct. 26 1943 Drilling Completed Dec. 20 1943  
 N. S. 19 E. W. 75 Elevation Floor 911 Ground 908.67

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Surface	0	8		
Red Rock	8	30		
Sand	30	55		
Slate	55	80		
Red Rock	80	146		
Slate	146	156		
Red Rock	156	215		
Blue Slate	215	222		
Line Shells	222	245		
Sand	245	280		
Slate and Shells	280	400		
5 5/8" casing		333	333	
Sand	400	420		
Slate and Shells	420	450		
Sand	450	515		
Slate and Shells	515	530		
Sand	530	555		
Slate	555	615		
Sand	615	650		
Slate and Shells	650	690		
Sand	690	718		
Slate	718	815		

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

Continued next above

**CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.**

Size	Put in Well		Pulled Out		Left in Well		Shot Date
	Feet	In.	Feet	In.	Feet	In.	Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours \_\_\_\_\_ Bbls. Gas Test \_\_\_\_\_  
 Approved by \_\_\_\_\_ Superintendent

47-043-00451

Well No. 1 Z.A. Ranson Farm 2.5 1/2 Acres  
 Lease No. 80118 Duval Township Lincoln County W. Va. State  
 S.S. Stephens, Ric Contractor S.P. N.C. Co. Drilling Contractor  
 Drilling Commenced Oct. 26 1943 Drilling Completed Dec. 20 1943  
 N. S. 7.9 E. W. 75 Elevation float 911 Ground 928.5

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Oil	2395	2402	2395	
Black Lime	2412	2417		
Total Depth		2417	2417	

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

Size	Put in Well		Pulled Out		Left in Well		Shot Date 12-27-43
	Feet	In.	Feet	In.	Feet	In.	
8 5/8"	333		333				Amount 60 Qts
7"	178						Sand 2368 2415
5 1/2"	2054						Result
2"	2410						90 FT fluid in hole when shot
							tamped with 35 Rock
							Packer Size 5/8 x 5 7/16 Bottom Hole
							6 7/8 x 8 5/8 S. H. Midge
							Depth Set 2052 B. H. 12-10-43
							1710 Midge 12-24-43

Production First 24 Hours 10 Bbls Gas Test  
 Approved by G. N. Chummet Superintendent

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30563

Record of Well No. 1 on H. E. Borden Farm Acres 1/2  
 Field Quail District Lincoln County W. Va.  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Sept 30 1904 Completed Nov 10 1909  
 Cost per foot 1.10 Contractor Walter Bras Address Harkey  
 Drillers' Names J. M. Winchester, J. M. Brown & W. T. Thompson

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch
11'						1870				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	6 inch	5 1/2 inch	5 inch
11'						1870				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	2nd Day's Production	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/20/09	2 1/2"	1/2 bbl	200 gal						

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Chert	11	11	0	
Shale	11	50	39	Produced hole from 10"
Sand	50	100	50	to 8" at 450" - No casing
Shale	100	135	35	used
Sand	135	300	165	
Shale	300	446	146	Top salt sand 1190
Coal	446	450	4	little gas at 1145
Sand	450	650	200	Big water at 1220
Shale	650	700	50	
Sand	700	800	100	
Shale	800	900	100	
Sand	900	950	50	
Shale	950	1050	100	
Sand	1050	1100	50	
Shale	1100	1190	90	
Soft Sand	1190	1840	650	
Black Limestone	1840	1875	35	
White Limestone	1875	2025	150	
Big Limestone	2025	2085	60	
Brown Shale	2085	2552	467	
Brown Sand	2552	2572	20	
Bottom hole	2573			

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

Record of Well No. 2 on 47-043-70222 47-043-70222

Field, Dural H E R. de ngb District, Lincoln Co County, W.Va.

Rig Commenced 19 Completed 19

Drilling Commenced Sept 7 1910 Completed Oct 9 1910

Cost per foot, 1.12 Contractor, McPride & McPride Address, Charleston, W.V.

Drillers' Names, E. J. McMillen & J. Durigan

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5-10 inch	4 1/2 inch
<u>16</u>			<u>140</u>			<u>1840</u>				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5-10 inch	4 1/2 inch
<u>16</u>						<u>1840</u>				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Month Pressure	Back Pressure
<u>10/1/10</u>	<u>90 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Red Rock</u>	<u>10</u>	<u>10</u>		<u>EI=1017.00</u>
<u>Shale</u>	<u>11</u>	<u>150</u>	<u>140</u>	
<u>Sand</u>	<u>150</u>	<u>305</u>	<u>155</u>	
<u>Coal</u>	<u>305</u>	<u>310</u>	<u>5</u>	
<u>Shale &amp; Shells</u>	<u>370</u>	<u>445</u>	<u>135</u>	
<u>Shale &amp; Sand</u>	<u>445</u>	<u>605</u>	<u>160</u>	
<u>Sand &amp; Shells</u>	<u>605</u>	<u>845</u>	<u>240</u>	
<u>Sand</u>	<u>845</u>	<u>1110</u>	<u>265</u>	
<u>Shale</u>	<u>1110</u>	<u>1160</u>	<u>50</u>	
<u>Top salt sand</u>	<u>1160</u>	<u>1785</u>	<u>625</u>	<u>Water. Hole full 1170'</u>
<u>Shale</u>	<u>1785</u>	<u>1790</u>	<u>5</u>	
<u>Little Limestone</u>	<u>1790</u>	<u>1830</u>	<u>40</u>	
<u>Round Shale</u>	<u>0</u>	<u>0</u>		
<u>Big Limestone</u>	<u>1830</u>	<u>2015</u>	<u>185</u>	
<u>Red Limestone</u>	<u>2015</u>	<u>2080</u>	<u>65</u>	
<u>Shale &amp; Shells</u>	<u>2080</u>	<u>2205</u>	<u>125</u>	
<u>Shale &amp; Sand</u>	<u>2205</u>	<u>2275</u>	<u>70</u>	
<u>Shale &amp; Shells</u>	<u>2275</u>	<u>2473</u>	<u>198</u>	
<u>Brown Shale</u>	<u>2473</u>	<u>2493</u>	<u>20</u>	
<u>Brown Sand</u>	<u>2493</u>	<u>2516</u>	<u>23</u>	<u>Oil at 2502</u>

Shot 7/29/26 - 100 gr.

RECEIVED  
Office of Oil and Gas  
JUN. 01 2015  
WV Department of  
Environmental Protection

RECORD of Well No. 3 on H.C. Prideman m. Acres.....  
 Field, ..... District..... County.....  
 Rig Commenced ..... 10, Completed..... 19.....  
 Drilling Commenced Dec 18 1912, Completed Jan 27 1913.  
 Cost per foot, 1.15 Contractor Yankey & Juman, Gtts. Address, Yankey, Ill.  
 Drillers' Names, E. L. Brown & P. J. King

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10 Inch	4 1/2 Inch
15						1700				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10 Inch	4 1/2 Inch
15						1700				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
1/29/13	8007.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface & Clay		15	15	2 1/2 ft
Sand	15	25	10	
Slate & Shells	25	305	280	490' 10" hole
Sand	305	365	60	
Slate	365	405	40	
Coal	405	410	5	
Sand	410	420	10	
Slate	420	530	110	
Coal	530	534	4	
Slate & sand	534	974	440	
Slate	974	1020	46	hole full of water 1090'
Salt sand	1020	1645	625	
Slate	1645	1655	10	
Little Limestone	1655	1685	30	
Quartz Linn	1685	1690	5	Gas in Big line at 1820
Big Linn	1690	1875	185	
Big Linn	1875	1945	70	
Slate	1945	2025	80	
Shells	2025	2120	95	
Slate	2120	2374	254	
Brown shale	2374	2394	20	
Brown sand	2394	2417	23	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-31028

RECORD of Well No. H on McDonough Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Feb 10 1913, Completed March 28 1913  
 Cost per foot, 1.12 Contractor, Yonkers & Hudson River Address, Grandway, NY  
 Drillers' Names E. J. Wilson & E. H. Sullivan

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>										<u>1765</u>

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>14</u>										<u>1765</u>

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>3/29/13</u>	<u>80gts.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Conestoga</u>		<u>14</u>	<u>14</u>	
<u>Shale</u>	<u>14</u>	<u>100</u>	<u>86</u>	
<u>Sand</u>	<u>100</u>	<u>140</u>	<u>40</u>	
<u>Red Rock</u>	<u>140</u>	<u>200</u>	<u>60</u>	
<u>Silt</u>	<u>200</u>	<u>300</u>	<u>100</u>	
<u>Sand</u>	<u>300</u>	<u>400</u>	<u>100</u>	<u>400' 10" hole</u>
<u>Coal</u>	<u>400</u>	<u>405</u>	<u>5</u>	
<u>Shale + shells</u>	<u>405</u>	<u>600</u>	<u>195</u>	
<u>Sand</u>	<u>600</u>	<u>700</u>	<u>100</u>	
<u>Shale + some</u>	<u>700</u>	<u>1020</u>	<u>320</u>	
<u>Silt</u>	<u>1020</u>	<u>1060</u>	<u>40</u>	<u>Hole full of water at 1100</u>
<u>Salt sand</u>	<u>1060</u>	<u>1720</u>	<u>660</u>	
<u>Little Silt</u>	<u>1720</u>	<u>1755</u>	<u>35</u>	
<u>Red. brn</u>	<u>1755</u>	<u>1760</u>	<u>5</u>	
<u>Big Silt</u>	<u>1760</u>	<u>1940</u>	<u>180</u>	<u>Shot - 150gts. 5/13/16.</u>
<u>Big Silt</u>	<u>1940</u>	<u>2000</u>	<u>60</u>	
<u>Large shells</u>	<u>2000</u>	<u>2110</u>	<u>110</u>	
<u>Shale</u>	<u>2110</u>	<u>2410</u>	<u>300</u>	
<u>Brown Silt</u>	<u>2410</u>	<u>2430</u>	<u>20</u>	
<u>Brown Sand</u>	<u>2430</u>	<u>2450</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 5 on H.C. Bridenow Farm Acres  
 Field Grafton District Donal County Lincoln  
 Rig Commenced 19 Completed 19  
 Drilling Commenced Feb. 24 1916 Completed March 29 1916  
 Cost per foot, 115 Contractor, Boone Drilling Co. Address, Spawkey, W.V.  
 Drillers' Names E.H. Stubbins, M.D. Rodgers, R.P. Ramsey

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1649</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>7677</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Press.
<u>2/31/16</u>	<u>80pt.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Spl.</u>		<u>16</u>	<u>16</u>	<u>EJ-877.10</u>
<u>Sand</u>	<u>16</u>	<u>100</u>	<u>84</u>	
<u>Slate</u>	<u>100</u>	<u>150</u>	<u>50</u>	
<u>Sand</u>	<u>150</u>	<u>200</u>	<u>50</u>	
<u>Slate</u>	<u>200</u>	<u>250</u>	<u>50</u>	<u>Reduced hole from 10" to 8"</u>
<u>Sand</u>	<u>250</u>	<u>300</u>	<u>50</u>	<u>at 305</u>
<u>Coal</u>	<u>300</u>	<u>304</u>	<u>4</u>	
<u>Sand</u>	<u>304</u>	<u>500</u>	<u>196</u>	
<u>Slate</u>	<u>500</u>	<u>575</u>	<u>75</u>	
<u>Sand</u>	<u>575</u>	<u>625</u>	<u>50</u>	
<u>Slate</u>	<u>625</u>	<u>675</u>	<u>50</u>	
<u>Sand</u>	<u>675</u>	<u>750</u>	<u>75</u>	
<u>Slate</u>	<u>750</u>	<u>775</u>	<u>25</u>	
<u>Sand</u>	<u>775</u>	<u>850</u>	<u>75</u>	
<u>Slate</u>	<u>850</u>	<u>940</u>	<u>90</u>	
<u>Salt Sand</u>	<u>940</u>	<u>1605</u>	<u>665</u>	
<u>Black Lime</u>	<u>1605</u>	<u>1640</u>	<u>35</u>	
<u>Pencil Cove</u>	<u>1640</u>	<u>1645</u>	<u>5</u>	
<u>White Lime</u>	<u>1645</u>	<u>1825</u>	<u>180</u>	
<u>Synon</u>	<u>1825</u>	<u>1895</u>	<u>70</u>	
<u>Slate</u>	<u>1895</u>	<u>1985</u>	<u>90</u>	
<u>Shells</u>	<u>1985</u>	<u>2050</u>	<u>65</u>	
<u>Slate</u>	<u>2050</u>	<u>2313</u>	<u>263</u>	
<u>Brown Shale</u>	<u>2313</u>	<u>2333</u>	<u>20</u>	
<u>Dona Int. sand</u>	<u>2333</u>	<u>2357</u>	<u>24</u>	

ABANDONED  
 JAN 18 1929

RECEIVED  
 Office of Oil and Gas

Jul 01 2015

WV Department of  
 Environmental Protection

47-043-30580

RECORD of Well No. 6 on H.E. Bideman Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Oct 28 1913, Completed Dec 23 1913  
 Cost per foot, 1.15 Contractor, Mausley & Furman Dept. Address, Mausley, W.V.  
 Drillers' Names W.E. Williams M.D. Newell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
14						1820				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
14						1820				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
12/26/13	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		14	14	E=1
Shale	14	34	20	
Red Rock	34	99	65	
Shale	99	169	70	460' of 10" hole
Sand	169	249	80	
Shale	249	309	60	
Sand	309	369	60	
Shale	369	455	86	
Coal	455	459	4	
Shale & sand	459	1089	630	
Shale	1089	1130	41	
Sand & sand	1130	1753	623	
Shale	1753	1771	16	
Light lime	1771	1806	35	hole full of water 1700'
Blue clay	1806	1809	3	
Big lime	1809	1994	185	
Big lime	1994	2049	55	
Shale	2049	2119	70	
Lime shells	2119	2244	125	
Shale	2244	2489	245	
Brown shale	2489	2508	19	
Brown sand	2508	2529	21	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043-30727

Record of Well No. 1 on Schmidt & Chapman Farm Acres 100  
Well Field, Davis District Luce County  
 Rig Commenced 19 Completed 19  
 Drilling Commenced May 27<sup>th</sup> 1909 Completed July 14<sup>th</sup> 1909  
 Cost per foot 1.15 Contractor Walter Price Address Spring Hill, Mo.  
 Drillers' Names J. W. Starnes W. B. J. Hoot Carlton E. Lyman

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
15'				435'		1815'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	12 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 1/2 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	4 1/2 inch
15'						1815'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Electric Pressure	Back Pressure
7/15/09	200 lbs	200 gal	5 1/2 inch	1 1/2 inch					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface		8	8	
Red Rock	8	58	50	
Slate	58	88	30	
Red Rock	88	188	100	
Sand	188	268	80	
Slate	268	358	90	
Sand	358	458	100	
Lime	458	598	140	
Sand	598	648	50	
Slate	648	713	65	
Sand	713	783	70	
Lime	783	803	20	
Slate	803	863	60	
Lime	863	893	30	
Slate	893	1003	110	
Sand	1003	1058	55	
Lime	1058	1083	25	
Slate	1083	1105	22	
Salt Sand	1105	1775	670	Start at 1120'
Black Lime	1775	1800	25	hole filled with water
Black Slate	1800	1807	7	at 1180'
Big Lime	1807	1950	173	Start 125' in lime
Sand	1950	2040	60	
Slate & Shell	2040	2472	432	
Slate	2472	2492	20	
Big Sand	2492	2516	24	Sand surface
Slate	2516	2523	7	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-02294

Record of Well No. 2 on Schmidt & Schmitt Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_ ✓  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Nov. 11 19\_\_\_\_ Completed Dec 29 1910  
 Cost per foot, 1.15 Contractors, Munday & Thomas Oil Co. Address, Jawley, W. Va.  
 Drillers' Names, P. J. King & G. D. Bartley.

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	5 x 1 1/2 inch	4 1/4 inch
16						1765'				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 1/8 inch	5 1/2 inch	5 x 1 1/2 inch	4 1/4 inch
16						1765'				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
12/1/10	9 qt.	200 gal.	7 1/4	140 gr.					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Surface & Clay		16	16	E1 = 965 25
Shale	16	36	20	
Red Brick	36	96	60	
Sand	96	116	20	
Red Brick	116	181	65	
Sand	181	251	70	
Shale	251	351	100	
Gravel	351	354	3	
Silt & Sand	354	800	446	
Gravel	800	805	5	
Sand	805	895	90	
Shale	895	1090	195	
Silt & Sand	1090	1720	630	
Shale	1720	1727	7	
Little Stone	1727	1757	30	
Round Linn	1757	1759	2	360' 10" hole
Big Stone	1759	1955	196	hole full of water at 1170
Big Stone	1955	2017	62	
Shale	2017	2080	63	
Shale	2080	2170	90	
Shale	2170	2395	225	
Shale	2395	2400	5	
Shale	2400	2445	45	
Brown Sand	2445	2465	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02295

Records of Well No. 3 on Schmidt's Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Mar 14 1910 Completed Dec 29 1910  
 Cost per foot, 1.15 Contractor, Yarby & Finner Oil address, Yarby, W. Va.  
 Drillers' Names, J. B. Welch & J. S. Murphy

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 1/8 inch	5 1/4 inch	5 1/8 inch	4 1/4 inch
12						1840				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/4 inch	6 1/4 inch	6 1/8 inch	5 1/4 inch	5 1/8 inch	4 1/4 inch
12						1840				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
12/11	7000	2nd shot 7/4 1/2 120 gal							

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil & clay		12	12	
Silt	12	52	40	
Sand	52	72	20	
Red Rock	72	162	90	
Sand	162	182	20	
Red Rock	182	247	65	
Sand	247	317	70	
Slate	317	397	80	
Coal	397	400	3	
Silt	400	440	40	
Sand	440	620	180	
Silt	620	730	110	
Sand	730	800	70	
Silt	800	960	160	
Sand	960	1050	90	
Slate	1050	1140	90	410' 10" hole
Soft Sand	1140	1750	610	
Silt	1750	1760	10	hole full of water at 1210
Little Scum	1760	1805	45	
Small can	1805	1810	5	
Big Scum	1810	2000	190	
Big Scum	2000	2060	60	
Silt	2060	2125	65	
Big shell	2125	2205	80	
Silt	2205	2305	100	
Silt & shell	2305	2405	100	
Silt	2405	2481	76	
Red Sand	2481	2502	21	
Silt	2502	2504	2	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043 - 30700

RECORD of Well No. 4 on Schmidt & Schmidt Farm Acres

Field, District County

Rig Commenced 19 , Completed 19

Drilling Commenced June 11 1914, Completed July 29 1914

Cost per foot, 1.15 Contractor, Washburn & Johnson Address, Washburn, Mo.

Drillers' Names J.R. Gullett & D. Mitchell

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>14</u>						<u>1795</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
<u>14</u>						<u>1795</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>3/30/15</u>	<u>90</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		<u>14</u>	<u>14</u>	<u>EI = 912</u>
Red Rock	<u>14</u>	<u>190</u>	<u>176</u>	
Sand	<u>190</u>	<u>272</u>	<u>82</u>	
Coal	<u>272</u>	<u>275</u>	<u>3</u>	
Shale	<u>275</u>	<u>350</u>	<u>75</u>	
Sand	<u>350</u>	<u>385</u>	<u>35</u>	
Coal	<u>385</u>	<u>387</u>	<u>2</u>	
Sandy	<u>387</u>	<u>420</u>	<u>33</u>	
Shale	<u>420</u>	<u>435</u>	<u>15</u>	
Sand	<u>435</u>	<u>700</u>	<u>265</u>	<u>420' 10" hole</u>
Shale + shells	<u>700</u>	<u>1085</u>	<u>385</u>	
Salt sand	<u>1085</u>	<u>1740</u>	<u>655</u>	
Little Lignite	<u>1740</u>	<u>1775</u>	<u>35</u>	
Small Lignite	<u>1775</u>	<u>1780</u>	<u>5</u>	
Big Lignite	<u>1780</u>	<u>1970</u>	<u>190</u>	
Big Lignite	<u>1970</u>	<u>2040</u>	<u>70</u>	<u>Hole full of water at 1150</u>
Shale	<u>2040</u>	<u>2090</u>	<u>50</u>	
Shells	<u>2090</u>	<u>2225</u>	<u>135</u>	
Shale	<u>2225</u>	<u>2425</u>	<u>200</u>	
Brown shale	<u>2425</u>	<u>2448</u>	<u>23</u>	
Bona sand	<u>2448</u>	<u>2468</u>	<u>20</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47.043 - 30343

RECORD of Well No. 5 on Schmidt & Stinner Farm Acres  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_ Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced Sept 25 1913 Completed Nov 7 1913  
 Cost per foot, 1.15 Contractor Waubay & Ferguson Drilling Co Address Waubay, W. Va.  
 Drillers' Names C. H. Millwagon & M. D. Newhall

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 3/4 Inch	6 1/4 Inch	5 1/4 Inch	5 3-16 Inch	4 1/4 Inch
14						1795			173	

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/4 Inch	6 3/4 Inch	6 1/4 Inch	5 1/4 Inch	5 3-16 Inch	4 1/4 Inch
14						1795	3 1/2" failed in	173- Rft		

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
11/10/13	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		14	14	
Shale	14	74	60	
Sand	74	94	20	
Shale	94	150	56	
Sand	150	225	75	
Shale	225	300	75	
Sand	300	390	90	
Shale	390	515	125	
Sand	515	595	80	300' 10" hole
Shale	595	705	110	
Sand	705	800	95	
Shale	800	925	125	
Sand	925	995	70	
Shale	995	1070	75	
Salt sand with lime	1070	1755	685	
Partial cover	1755	1785	30	Hole full of water at 1160'
Big lime	1785	1790	5	
Big lime	1790	1970	180	
Shale	1970	2030	60	
Shale	2030	2090	60	
lime shells	2090	2200	110	
Shale	2200	2419	219	
Brown shale	2419	2439	20	
Bona sand	2439	2439	20	

"Abandoned"  
 March 8, 1943

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30701

RECORD of Well No. 6 on Schmidt's Summit Farm Acres  
 Field Quail District Severus County  
 Rig Commenced 10 Completed 19  
 Drilling Commenced Oct 28 1915 Completed Nov 30 1915  
 Cost per foot 1.15 Contractor Bone Drilling Address Yonkers, N.Y.  
 Drillers' Names J. N. Jones & R. M. Shank

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
16				280		1640				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
16						1640				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
17/21/15	8000								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		16	16	
Sand	16	25	9	Mole full fresh water at
Shale	25	100	75	80'
Sand	100	160	60	
Shale	160	280	120	
Sand	280	320	40	Mole full salt water at
Shale	320	500	180	1100'
Solid	500	580	80	
Shale	580	700	120	
Sand	700	780	80	
Shale	780	890	110	
Sand	890	910	20	
Shale	910	960	50	
Salt sand	960	1597	637	
Black lime	1597	1627	30	
Concave	1627	1633	6	
Big lime	1633	1813	180	
Green sand	1813	1875	62	
Shale	1875	1912	37	
Shells	1912	2037	125	
Shale	2037	2287	250	
Green shale	2287	2307	20	
Green sand	2307	2327	20	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

47-043-30871

WELL RECORD

Permit No. \_\_\_\_\_ Oil or Gas Well \_\_\_\_\_

Company G. S. & H. Supply Co.  
 Address Tulsa Okla  
 Farm J. G. Settle Acres 71  
 Location (waters) Valley Fork  
 Well No. 1 Elev. 1011.62  
 District Doyal County Lincoln  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced Aug 24, 1910  
 Drilling completed Oct 13, 1910  
 Date shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls. 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing \_\_\_\_\_  
 Used in Drilling \_\_\_\_\_  
 Left in Well \_\_\_\_\_  
 Packers \_\_\_\_\_  
 Size \_\_\_\_\_  
 Kind of Packer \_\_\_\_\_  
 10 \_\_\_\_\_  
 12 \_\_\_\_\_  
 10 \_\_\_\_\_  
 Size of \_\_\_\_\_  
 8 1/4 \_\_\_\_\_  
 6 1/4 \_\_\_\_\_  
 6 3/16 \_\_\_\_\_  
 8 \_\_\_\_\_  
 8 \_\_\_\_\_  
 Liners Used \_\_\_\_\_  
 Perf. top \_\_\_\_\_  
 Perf. bottom \_\_\_\_\_  
 Perf. top \_\_\_\_\_  
 Perf. bottom \_\_\_\_\_

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand	1130	1710					
Little lime	1720	1780					
<del>Big LIME</del>							
Pencil Cave	1780	1790					
Big Lime	1790	1955					
Big Injun	1955	2405					
Berea Sand	2465	2487					



RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

(Over)

47-043-30514

Well No. 2 J. G. Little Farm Acres  
 State No. Lincoln County W. Va. District State  
Y. H. Jackson Contractor SOUTH PENN DRILLING TOOLS CO. Contractor  
 Commenced Mar. 28 1918 Drilling Completed May 2 1918  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
		16		
blat	16	120		
Red Rock	120	150		
slate	150	175		
lime	175	220		
slate	220	290		
sand	290	320		
Red Rock	320	470		
slate	470	520		
lime	520	645		
slate	645	650		
sand	650	654		
slate	654	665	655	
sand	665	680		
slate	680	900		
sand	900	970		
slate & shells	970	1020		
lime	1020	1240		
slate & shells	1240	1785		
slate	1785	1800		
slate	1800	1820		
mass. sand	1820	1825		
slate				

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

PUT IN WELL			PULLED OUT		LEFT IN WELL		Shot Date
SIZE	FEET	IN.	FEET	IN.	FEET	IN.	
							Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours ..... Bbls. Gas Test.....  
 Approved by.....

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015

WV Department of  
 Environmental Protection

47-043-30514

Well No. 2 *J. G. Little* *Continued* Farm Acres  
 Lease No. District County State-  
 Contractor Contractor  
 Drilling Commenced 191 *S.* Drilling Completed 191 *E.*  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
<i>Little Lime</i>	<i>1825</i>	<i>1857</i>		
<i>Pencil Lave</i>	<i>1857</i>	<i>1864</i>		
<i>Biglime</i>	<i>1864</i>	<i>2064</i>	<i>1872</i>	
<i>Big Limestone</i>	<i>2064</i>	<i>2119</i>		
<i>State F. shale</i>	<i>2119</i>	<i>2535</i>		
<i>Brown shale</i>	<i>2535</i>	<i>2553</i>		
<i>Berea Sand</i>	<i>2553</i>	<i>2574</i>	<i>2553</i>	
<i>Oil</i>	<i>2555</i>	<i>2572</i>		
<i>Total Depth</i>		<i>2574</i>	<i>2574</i>	

*21 = 16.85*

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date Amount Sand Result Packer Size Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.	
<i>8 1/4</i>	<i>660</i>	<i>-</i>	<i>660</i>	<i>-</i>			<i>May 4, 1918</i> <i>80 gals.</i> <i>Berea</i> <i>Open Flow</i> <i>None Used</i> <i>6 5/8" Steel Sh. used</i> <i>1872</i>
<i>6 3/8</i>	<i>1879</i>	<i>-</i>					

Production First 24 Hours *Est. 4* Bbls. Gas Test.

Approved by *A. H. America* Superintendent

RECEIVED  
Office of Oil and Gas

JUN 01 1915

WV Department of  
Environmental Protection

47-043-30872

RECORD of Well No. 3 on J. G. Smith Farm  
 Field, \_\_\_\_\_ District \_\_\_\_\_ Acres \_\_\_\_\_  
 County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Aug 5 1916, Completed Sept 21 1916.  
 Cost per foot, 1.15 Contractor Gaughy & Zimmerman Address, Young Bay.  
 Drillers' Names Roscoe Harris & Charles Means

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>16</u>				<u>640</u>		<u>1830</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
<u>16</u>						<u>1830</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rolls	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>9/25/16</u>	<u>8 1/2</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Conductor</u>		<u>16</u>	<u>16</u>	<u>E.</u>
<u>Slate</u>	<u>16</u>	<u>20</u>	<u>4</u>	
<u>Red Rock</u>	<u>20</u>	<u>60</u>	<u>40</u>	
<u>Sand</u>	<u>60</u>	<u>100</u>	<u>40</u>	
<u>Slate</u>	<u>100</u>	<u>200</u>	<u>100</u>	
<u>Sand</u>	<u>200</u>	<u>350</u>	<u>150</u>	
<u>Slate</u>	<u>350</u>	<u>400</u>	<u>50</u>	<u>Hole full salt water at 12'</u>
<u>Sand</u>	<u>400</u>	<u>500</u>	<u>100</u>	
<u>Slate</u>	<u>500</u>	<u>530</u>	<u>30</u>	
<u>Sand</u>	<u>530</u>	<u>640</u>	<u>110</u>	
<u>Coaly</u>	<u>640</u>	<u>643</u>	<u>3</u>	
<u>Slate</u>	<u>643</u>	<u>660</u>	<u>17</u>	
<u>Sand</u>	<u>660</u>	<u>800</u>	<u>140</u>	
<u>Slate</u>	<u>800</u>	<u>850</u>	<u>50</u>	<u>Gas in Big line at 1925'</u>
<u>Sand</u>	<u>850</u>	<u>1000</u>	<u>150</u>	
<u>Slate</u>	<u>1000</u>	<u>1140</u>	<u>140</u>	
<u>Salt sand</u>	<u>1140</u>	<u>1747</u>	<u>607</u>	<u>Water in Big line</u>
<u>Slate</u>	<u>1747</u>	<u>1780</u>	<u>33</u>	
<u>Little line</u>	<u>1780</u>	<u>1815</u>	<u>35</u>	
<u>Small cave</u>	<u>1815</u>	<u>1822</u>	<u>7</u>	
<u>Big line</u>	<u>1822</u>	<u>2012</u>	<u>190</u>	
<u>" line</u>	<u>2012</u>	<u>2072</u>	<u>60</u>	
<u>Slate</u>	<u>2072</u>	<u>2172</u>	<u>100</u>	
<u>Line shells</u>	<u>2172</u>	<u>2272</u>	<u>100</u>	
<u>Slate</u>	<u>2272</u>	<u>2467</u>	<u>195</u>	
<u>Brown shale</u>	<u>2467</u>	<u>2487</u>	<u>20</u>	
<u>Bona sand</u>	<u>2487</u>	<u>2508</u>	<u>21</u>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30873

RECORD of Well No. 4 on J.G. Suttle Farm Acres  
 Field, J.G. Suttle District, County  
 Rig Commenced 19, Completed 19  
 Drilling Commenced Feb 7 1917, Completed March 15 1917  
 Cost per foot, 1.25 Contractor Wesley & Furman Co. To. Address,  
 Drillers' Names E.M. McLeans & Pasco Slaters

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
13				465		1680				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/4 Inch
13						1680				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rolls	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Soil		13	13	Et-...
Sand	13	36	23	
Slate	36	96	60	Gas in salt & sand 1100'
Sand	96	116	20	
Slate	116	196	80	Hole full water at 1120'
Sand	196	236	40	
Coal	236	240	4	
Slate	240	290	50	
Sand	290	340	50	
Slate	340	360	20	
Sand	360	460	100	
Coal	460	465	5	
Slate	465	495	30	
Sand	495	600	105	
Slate	600	700	100	
Sand	700	800	100	
Slate	800	830	30	
Sand	830	925	95	
Slate	925	930	5	
Sand	930	1000	70	
Slate	1000	1020	20	
Salt sand	1020	1605	585	
Slate	1605	1635	30	
Black Lime	1635	1670	35	
Permal Cover	1670	1675	5	
White Lime	1675	1865	190	
Synne	1865	1925	60	
Slate	1925	2025	100	
Shells	2025	2125	100	
Slate	2125	2339	214	
Brown shale	2339	2359	20	
Green sand	2359	2381	22	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043 - 30869

RECORD of Well No. 5 on J. G. Little Farm Acres  
 Field, Duval District, Lincoln County WV  
 Rig Commenced 19 Completed 19  
 Drilling Commenced July 3, 1917 Completed Aug 11, 1917  
 Cost per foot, 1.25 Contractor, Hanley & Ferguson Oil Co. Address, Hanley, WV  
 Drillers' Names Boscoe Hanna & R. M. Johnson

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
16			x	6.75						1810

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
16										1810

OIL WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Press
8/14/17	8000								

GAS WELL

FORMATION	TOP		THICKNESS	REMARKS	
	TOP	BOTTOM			
Clay		20	20	EI= 1011.62	
Shale	20	40	20		
Shale	40	100	60		
Sand	100	125	25		
Shale	125	200	75		
Sand	200	250	50		
Shale	250	300	50		
Sand	300	620	320		
Coal	620	625	5		
Sand	625	800	175		
Shale	800	900	100		
Sand	900	1050	150		
Shale	1050	1100	50		
Sand	1100	1150	50		
Shale	1150	1200	50		
Salt Sand	1200	1735	535		Hole full of water at 1250'
Shale	1735	1765	30		
Black Lime	1765	1800	35		
Pencil Coal	1800	1805	5		
White Lime	1805	1995	190		
Engine ?	1995	2055	60		
Shale	2055	2155	100		
Shells	2155	2255	100		
Shale & Shells	2255	2460	205		
Brown Shale	2460	2480	20		
Brown Sand	2480	2500	20		

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-30391

Well No. *6* *H. S. Squire* Farm Acres  
 Lease No. *Quival* District *Lincoln* County *St. Va.* State  
 Drilling Commenced *Feb. 1, 1919* Contractor *Smith Tenn. Drilling Co.* Contractor  
 Drilling Completed *May 26, 1919*

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Conductor	16			
Clay	0	16		
Red Rock	16	50		
Slate	50	175		
Sand	175	400		
Slate	400	775		
Sand	775	750		
Coal	750	755		
Slate	755	800		
Coal	800	805		
Slate	805	860		
Slate and Shells	860	810		
Sand	810	900		
Slate	900	950		
Sand	950	980		
Slate	980	1000		
Soft Sand	1000	1591		
Water	1080			
Slate	1591	1601		
Impure sand	1601	1641		
Slate	1641	1631		
Little Lime	1631	1666		
Fine Coal	1666	1671		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date
	FEET	IN.	FEET	IN.	FEET	IN.	
							Amount
							Sand
							Result
							Packer Size
							Depth Set

Production First 24 Hours.....Bbls. Gas Test.....

Approved by *[Signature]*

RECEIVED  
Office of Oil and Gas Superintendent

JUN 01 2015

WV Department of Environmental Protection

47-043-3039

Well No. *6* *Little* Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Lease No. *Special* District *Lincoln* County *W. Va.* State \_\_\_\_\_  
 Contractor *South Penn. Drilling* Contractor \_\_\_\_\_  
 Drilling Commenced *Feb. 1* 1919 Drilling Completed *Mar. 26*, 1919.  
 N. S. E. W.

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
<i>Big Lime</i>	<i>1671</i>	<i>1861</i>		
<i>Casing 6 5/8</i>	<i>1684</i>			
<i>Big Limestone</i>	<i>1861</i>	<i>1901</i>		
<i>Stratified Shale</i>	<i>1901</i>	<i>2318</i>		
<i>Brown Shale</i>	<i>2318</i>	<i>2348</i>	<i>2348</i>	
<i>Berea sand</i>	<i>2348</i>	<i>2368</i>	<i>2368</i>	
<i>Gas</i>	<i>2350</i>	<i>2368</i>	<i>2350</i>	
<i>oil</i>	<i>2351</i>			
<i>Total depth</i>		<i>2368</i>		
<b>"ABANDONED"</b> Dec. 18, 1943				

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date <i>Nov. 19, 1919</i> Amount <i>80</i> <i>Quarts</i> Sand <i>Berea Sand</i> Result, <i>Open Below</i>  Packer Size <i>5 1/2 in. 1000</i>  Depth Set <i>1661</i>
	FEET	IN.	FEET	IN.	FEET	IN.	
<i>8 1/4</i>	<i>160</i>				<i>460</i>		
<i>6 5/8</i>	<i>1686</i> <i>768</i>		<i>519</i>		<i>1167</i> <i>747</i>		

Production First 24 Hours *2* Bbls. Gas Test \_\_\_\_\_  
 Approved by *R. H. [Signature]* RECEIVED \_\_\_\_\_ Superintendent  
 Office of Oil and Gas

JUN 01 2015

WV Department of Environmental Protection

Record of Well No. 1 on M. Shumpert Farm Acres 47.043-30773  
 Field Quinn District Lincoln County W. Va.  
 Rig Commenced 1909 Completed 1910  
 Drilling Commenced 1909 Completed June 12 1910  
 Cost per foot 1.10 Contractor James H. ... Address ...  
 Drillers' Names J. C. ... & ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 3/4 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
12										

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 3/4 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 1/2 inch	4 3/4 inch
12										

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Effect Pressure	Block Pressure	REMARKS
	FORMATION		TOP	BOTTOMS	THICKNESS					
11/3/10	9 1/2"	2nd Shot	11 1/2"	1304 1/2						Top of Blue sand was washed Dec 22nd 09
				12	12					
				200	188					
				240	40					
				260	20					Water level water at 365'
				365	65					Water level salt water at 1143
				334	4					450' 10" hole made
				487	153					
				493	6					
				720	227					
				720	70					
				790	205					
				945	65					
				1060	83					
				1143	542					
				1685	40					
				1725	5					
				1730	170					
				1900	45					
				1945	436					
				2381	21					
				2402	22					
				2402	2424					

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

RECORD of Well No. 2 on M. S. Shuck Farm. 47-043-30688 Acres

Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_ ✓

Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_

Drilling Commenced Oct 27, 1910, Completed Dec 16, 1910

Cost per foot, 1.15 Contractor, J. H. & W. H. Miller Address, Greenville, W. Va.

Drillers' Names, L. B. Fuller & L. Lewis

**CONDUCTOR AND CASING USED IN DRILLING.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
<u>1 1/2</u>						<u>1520</u>				

**CONDUCTOR AND CASING LEFT IN WELL.**

Conductor	13 inch	10 inch	8 1/4 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1/8 inch	4 1/2 inch
<u>1 1/2</u>						<u>1520</u>				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Blow Pressure	Rock Pressure
<u>12/10</u>	<u>90 qt.</u>	<u>2 1/2</u>	<u>4 1/2</u>	<u>1 3/4</u>					

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>20' x 60'</u>		<u>11'</u>	<u>11'</u>	<u>11-207</u>
<u>Shale</u>	<u>11'</u>	<u>22'</u>	<u>8'</u>	<u>425' x 10' shale</u>
<u>Shale</u>	<u>22'</u>	<u>47'</u>	<u>25'</u>	
<u>Shale</u>	<u>47'</u>	<u>57'</u>	<u>10'</u>	
<u>Shale</u>	<u>57'</u>	<u>57'</u>	<u>30'</u>	
<u>Shale</u>	<u>57'</u>	<u>147'</u>	<u>60'</u>	
<u>Shale</u>	<u>147'</u>	<u>247'</u>	<u>100'</u>	
<u>Shale</u>	<u>247'</u>	<u>290'</u>	<u>23'</u>	
<u>Shale</u>	<u>290'</u>	<u>320'</u>	<u>30'</u>	
<u>Shale</u>	<u>320'</u>	<u>325'</u>	<u>5'</u>	
<u>Shale &amp; Sand</u>	<u>325'</u>	<u>435'</u>	<u>110'</u>	
<u>Sand</u>	<u>435'</u>	<u>500'</u>	<u>65'</u>	
<u>Shale</u>	<u>500'</u>	<u>525'</u>	<u>25'</u>	
<u>Sand</u>	<u>525'</u>	<u>550'</u>	<u>25'</u>	
<u>Shale &amp; Sand</u>	<u>550'</u>	<u>1000'</u>	<u>450'</u>	
<u>Sand</u>	<u>1000'</u>	<u>1020'</u>	<u>20'</u>	
<u>Shale &amp; Sand</u>	<u>1020'</u>	<u>1160'</u>	<u>140'</u>	
<u>Sand</u>	<u>1160'</u>	<u>1755'</u>	<u>595'</u>	
<u>Shale</u>	<u>1755'</u>	<u>1760'</u>	<u>5'</u>	
<u>Sand</u>	<u>1760'</u>	<u>1805'</u>	<u>45'</u>	
<u>Sand</u>	<u>1805'</u>	<u>1985'</u>	<u>180'</u>	
<u>Sand</u>	<u>1985'</u>	<u>2025'</u>	<u>40'</u>	
<u>Shale</u>	<u>2025'</u>	<u>2105'</u>	<u>80'</u>	
<u>Sand</u>	<u>2105'</u>	<u>2265'</u>	<u>160'</u>	
<u>Shale</u>	<u>2265'</u>	<u>2471'</u>	<u>206'</u>	
<u>Shale</u>	<u>2471'</u>	<u>2481'</u>	<u>10'</u>	

RECEIVED  
Office of Oil and Gas  
JUN 01 2015  
WV Department of  
Environmental Protection

hole full of water at 1210

the first case

47-043-30694

RECORD of Well No. 3 on M. Spurluck Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County, \_\_\_\_\_

Rig Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_

Drilling Commenced Aug 31 1911 Completed Oct 16 1911

Cost per foot. 1.15 Contractor, Frederick & Thomas Drilling Co. address, Lincoln, W. Va.

Drillers' Names, Edward M. Metz & J. H. ...

CONDUCTOR AND CASING USED IN DRILLING.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1-10 inch	4 3/4 inch
<u>15'</u>							<u>1575'</u>			

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 inch	10 inch	8 1/2 inch	8 inch	7 1/2 inch	6 3/4 inch	6 1/2 inch	5 1/2 inch	5 1-10 inch	4 3/4 inch
<u>15'</u>							<u>1575'</u>			

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Blowing Pressure	Rock Pressure
FORMATION	TOP	BOTTOM	THICKNESS	REMARKS					
<u>10/20/11 800 ft</u>									
<u>Soil &amp; clay</u>		<u>15</u>	<u>15</u>	<u>Cased 10' in Big Line</u>					
<u>Sand</u>	<u>15</u>	<u>35</u>	<u>20</u>						
<u>Slate &amp; Shale</u>	<u>35</u>	<u>160</u>	<u>125</u>	<u>2 1/2" 7 1/2"</u>					
<u>Sand</u>	<u>160</u>	<u>200</u>	<u>40</u>						
<u>Slate</u>	<u>200</u>	<u>240</u>	<u>40</u>						
<u>Coal</u>	<u>240</u>	<u>243</u>	<u>3</u>						
<u>Sand</u>	<u>243</u>	<u>303</u>	<u>60</u>						
<u>Slate</u>	<u>303</u>	<u>373</u>	<u>70</u>						
<u>Sand</u>	<u>373</u>	<u>393</u>	<u>20</u>	<u>395' of 10" hole</u>					
<u>Slate &amp; Sand</u>	<u>393</u>	<u>893</u>	<u>500</u>						
<u>Slate</u>	<u>893</u>	<u>940</u>	<u>47</u>	<u>Hole full of water at 955'</u>					
<u>Salt &amp; sand</u>	<u>940</u>	<u>1510</u>	<u>570</u>						
<u>Slate</u>	<u>1510</u>	<u>1520</u>	<u>10</u>						
<u>Soft shale</u>	<u>1520</u>	<u>1560</u>	<u>40</u>						
<u>Pencil Carr.</u>	<u>1560</u>	<u>1565</u>	<u>5</u>						
<u>Big Lime</u>	<u>1565</u>	<u>1755</u>	<u>190</u>						
<u>Big Lime</u>	<u>1755</u>	<u>1820</u>	<u>65</u>						
<u>Slate</u>	<u>1820</u>	<u>1890</u>	<u>70</u>						
<u>Some Shale</u>	<u>1890</u>	<u>2040</u>	<u>150</u>						
<u>Slate</u>	<u>2040</u>	<u>2237</u>	<u>197</u>						
<u>Thin Shale</u>	<u>2237</u>	<u>2257</u>	<u>20</u>						
<u>Thin Sand</u>	<u>2257</u>	<u>2278</u>	<u>21</u>						

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-43. 20721

RECORD of Well No. 4 on M. Spurluck Farm Acres

Field, District 19, Completed 19  
 Drilling Commenced Oct 30 1911, Completed Dec 11 1911

Cost per foot, 1.15 Contractor, Yawhey & Furman Drill Co. Address, Yawhey, W. Va.  
 Drillers' Names M. P. Harris & James Donigan

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
10						1715				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
10						1715				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
12/12/11	80.5%								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Sand & clay		10	10	Hole 15' in Big Linn
Sand	10	30	20	
Shale	30	80	50	
Coal	80	83	3	E = S
Sand	83	123	40	
Shale	123	183	60	
Sand	183	253	70	
Shale	253	348	95	
Sand	348	388	40	290' of 10" hole.
Shale	388	448	60	
Sand & Shale	448	1048	600	
Shale	1048	1110	62	Hole free of water at 1120
Salt sand	1110	1645	535	
Shale	1645	1655	10	
Yellow Linn	1655	1698	43	Shot 5/19/10 - 110 ft - 10" a.
Conc. lim.	1698	1700	2	
Big Linn	1700	1890	190	
Big Linn	1890	1940	50	
Shale	1940	2000	60	
Sand	2000	2150	150	
Shale	2150	2370	220	
Brown shale	2370	2370	0	
Sissa Sand	2370	2411	41	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

RECORD of Well No. 5 on W. S. Spurlock Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_

47-043-30393

Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced April 8 1912, Completed May 20 1912  
 Cost per foot, 1.15 Contractor Hankey & Furman Dril Co. Address, Hankey, W. Va.  
 Drillers' Names Jas. Donigan & W. E. Stellanor

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
		<u>15</u>				<u>13 5/8</u>	<u>13 1/8</u>			

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/2 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
		<u>15</u>				<u>15 1/8</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>5/21/12</u>	<u>80 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		<u>15</u>		<u>Cased 6 3/8" - 11' in Big Line</u>
Sand	<u>15</u>	<u>40</u>	<u>25</u>	
Slate	<u>40</u>	<u>190</u>	<u>150</u>	
Sand	<u>190</u>	<u>290</u>	<u>100</u>	<u>350' 10" hole</u>
Coal	<u>290</u>	<u>296</u>	<u>6</u>	
Slate	<u>296</u>	<u>300</u>	<u>4</u>	<u>Big water 960</u>
Sand	<u>300</u>	<u>350</u>	<u>50</u>	
Slate	<u>350</u>	<u>400</u>	<u>50</u>	
Sand	<u>400</u>	<u>625</u>	<u>225</u>	
Slate	<u>625</u>	<u>745</u>	<u>120</u>	
Sand	<u>745</u>	<u>855</u>	<u>110</u>	<u>Gas at 950</u>
Slate	<u>855</u>	<u>890</u>	<u>35</u>	
lime	<u>890</u>	<u>920</u>	<u>30</u>	
Slate	<u>920</u>	<u>930</u>	<u>10</u>	<u>EI = 700</u>
Salt Sand	<u>930</u>	<u>1475</u>	<u>545</u>	
Slate	<u>1475</u>	<u>1520</u>	<u>45</u>	
lith. lime	<u>1520</u>	<u>1552</u>	<u>32</u>	
Princil. lime	<u>1552</u>	<u>1557</u>	<u>5</u>	
Big lime	<u>1557</u>	<u>1750</u>	<u>193</u>	
lime	<u>1750</u>	<u>1800</u>	<u>50</u>	
Slate	<u>1800</u>	<u>1870</u>	<u>70</u>	
quartz	<u>1870</u>	<u>1980</u>	<u>110</u>	
Slate	<u>1980</u>	<u>2253</u>	<u>273</u>	
Berra Sand	<u>2253</u>	<u>2273</u>	<u>20</u>	

"ABANDONED"

JAN. 24, 1944.

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection

47-043-02188

RECORD of Well No. *0* on *W. J. Smith's* Farm. Acres. *...*  
 Field, *...* District. *...* County. *...*  
 Rig Commenced. 19 *...* Completed. *...* 19  
 Drilling Commenced *Nov 2* 19*12*, Completed *Dec 12* 19*12*  
 Cost per foot, *1.15* Contractor *Hurley & Thomas Inc.* Address, *Greenville, W.V.*  
 Drillers' Names *James Donigian & J. H. ...*

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/2 Inch
<i>16</i>				<i>440</i>		<i>1665'</i>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-10 Inch	4 1/2 Inch
<i>16</i>						<i>1665'</i>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roils	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Press
<i>12/13/12</i>	<i>80</i>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<i>Conductor</i>		<i>16</i>	<i>16</i>	<i>E1=8</i>
<i>slate</i>	<i>16</i>	<i>76</i>	<i>60</i>	
<i>sand</i>	<i>76</i>	<i>96</i>	<i>20</i>	
<i>slate</i>	<i>96</i>	<i>105</i>	<i>9</i>	
<i>sand</i>	<i>105</i>	<i>205</i>	<i>100</i>	
<i>slate</i>	<i>205</i>	<i>250</i>	<i>45</i>	
<i>sand</i>	<i>250</i>	<i>390</i>	<i>140</i>	
<i>coal</i>	<i>390</i>	<i>395</i>	<i>5</i>	
<i>sand</i>	<i>395</i>	<i>600</i>	<i>205</i>	
<i>slate</i>	<i>600</i>	<i>660</i>	<i>60</i>	
<i>sand</i>	<i>660</i>	<i>740</i>	<i>80</i>	
<i>slate</i>	<i>740</i>	<i>800</i>	<i>60</i>	
<i>sand</i>	<i>800</i>	<i>920</i>	<i>120</i>	
<i>slate</i>	<i>920</i>	<i>1000</i>	<i>80</i>	<i>hole full of water... 7/10'</i>
<i>slate</i>	<i>1000</i>	<i>1060</i>	<i>60</i>	
<i>slate &amp; sand</i>	<i>1060</i>	<i>1610</i>	<i>550</i>	
<i>slate &amp; sand</i>	<i>1610</i>	<i>1650</i>	<i>40</i>	
<i>(Pencil Core)</i>	<i>1650</i>	<i>1655</i>	<i>5</i>	
<i>slate</i>	<i>1655</i>	<i>1855</i>	<i>200</i>	<i>shot - 7/9/19 - 120 yds.</i>
<i>slate</i>	<i>1855</i>	<i>1905</i>	<i>50</i>	
<i>slate</i>	<i>1905</i>	<i>1970</i>	<i>65</i>	
<i>slate</i>	<i>1970</i>	<i>2090</i>	<i>120</i>	
<i>slate</i>	<i>2090</i>	<i>2314</i>	<i>224</i>	
<i>slate</i>	<i>2314</i>	<i>2333</i>	<i>19</i>	
<i>slate</i>	<i>2333</i>	<i>2354</i>	<i>21</i>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30975

RECORD of Well No. 7 on W. Starlock Farm Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Began Commenced \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19 \_\_\_\_\_  
 Drilling Commenced Dec 19 1912, Completed June 31 1913  
 Cost per foot, 11.5 Contractor, Yonkey & Sonman Del Co Address, Yonkey, W.V.  
 Drillers' Names J.B. White & M.E. Hollenback

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>						<u>1740</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>14</u>						<u>1740</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>2/1/13</u>	<u>6 Dyt</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Conductor</u>		<u>14</u>	<u>14</u>	<u>EI-500</u>
<u>Slate</u>	<u>14</u>	<u>50</u>	<u>36</u>	
<u>Sand</u>	<u>50</u>	<u>95</u>	<u>45</u>	
<u>Slate</u>	<u>95</u>	<u>135</u>	<u>40</u>	
<u>Sand</u>	<u>135</u>	<u>195</u>	<u>60</u>	
<u>Slate</u>	<u>195</u>	<u>240</u>	<u>45</u>	
<u>Sand</u>	<u>240</u>	<u>340</u>	<u>100</u>	
<u>Slate</u>	<u>340</u>	<u>375</u>	<u>35</u>	
<u>Sand</u>	<u>375</u>	<u>430</u>	<u>55</u>	<u>480' of 10" hole</u>
<u>Coal</u>	<u>430</u>	<u>433</u>	<u>3</u>	
<u>Sand</u>	<u>433</u>	<u>476</u>	<u>43</u>	
<u>Coal</u>	<u>476</u>	<u>480</u>	<u>4</u>	
<u>Sand</u>	<u>480</u>	<u>575</u>	<u>95</u>	
<u>Slate</u>	<u>575</u>	<u>660</u>	<u>85</u>	
<u>Sand</u>	<u>660</u>	<u>760</u>	<u>100</u>	
<u>Slate</u>	<u>760</u>	<u>865</u>	<u>105</u>	
<u>Sand</u>	<u>865</u>	<u>1025</u>	<u>160</u>	<u>Hole full of Water at 1195'</u>
<u>Slate</u>	<u>1025</u>	<u>1065</u>	<u>40</u>	
<u>Salt sand</u>	<u>1065</u>	<u>1640</u>	<u>625</u>	
<u>Slate</u>	<u>1640</u>	<u>1645</u>	<u>5</u>	
<u>Little lime</u>	<u>1645</u>	<u>1730</u>	<u>85</u>	
<u>Big lime</u>	<u>1730</u>	<u>1735</u>	<u>5</u>	
<u>Big lime</u>	<u>1735</u>	<u>1720</u>	<u>185</u>	
<u>Big lime</u>	<u>1720</u>	<u>1765</u>	<u>45</u>	
<u>Slate</u>	<u>1765</u>	<u>2055</u>	<u>290</u>	
<u>Sand</u>	<u>2055</u>	<u>2140</u>	<u>85</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30794

RECORD of Well No. 8 on M. Spunlock Farm \_\_\_\_\_ Acres \_\_\_\_\_  
 Field, \_\_\_\_\_ District \_\_\_\_\_ County \_\_\_\_\_  
 Rig Commenced \_\_\_\_\_ 19\_\_\_\_, Completed \_\_\_\_\_ 19\_\_\_\_  
 Drilling Commenced July 2 1912, Completed Aug 12 1912  
 Cost per foot, 1.12 Contractor, Weiler Bros Address, Mauney, W. Va.  
 Drillers' Names John Mahle, Ed Hellman & B. B. Sutton

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16-Inch	4 1/2 Inch
15						1564				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 1/2 Inch	5 3-16 Inch	4 1/2 Inch
15						1564				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressu
8/12/12	80 gr.								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Alluvium		15	15	Section of coal 95 to 100'
Sand	15	65	50	
Slate	65	135	70	EI = 764
Slate & shells	135	170	35	
Sand	170	250	80	260' 10" hole
Slate	250	260	10	
Sand	260	340	80	
Slate	340	345	5	Gr 960'
Coal	345	352	7	Hole filled with salt
Sand	352	445	93	Sand Water at 975'
Coal	445	453	8	
Sand	453	540	87	
Coal	540	543	3	
Sand	543	600	57	
Slate	600	640	40	
Sand	640	703	63	
Slate	703	820	117	
Sand	820	855	35	
Slate	855	900	45	
Salt Sand	900	1505	605	
Slate	1505	1515	10	
Black Lime	1515	1548	33	
Peugit slate	1548	1552	4	
White Lime	1552	1735	183	
Lime	1735	1775	40	
Brown Shale	1775	2225	450	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47-043-30802

RECORD of Well No. 9 on W. Sparlock Farm Acres  
 Field, District County  
 Commenced 19 Completed 19  
 Drilling Commenced Aug 26 1912 Completed Oct 2 1912  
 Cost per foot, 115 Contractor, Yonkey & Herman Dr. Co. Address, Yonkey, W.V.  
 Drillers' Names, E. S. Brown & P. J. King

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>				<u>500</u>		<u>1680</u>				

CONDUCTOR AND CASING LEFT IN WELL.

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/4 Inch	6 3/4 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 3/4 Inch
<u>16</u>						<u>1680</u>				

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Roofs	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<u>10/3/12</u>	<u>80 gr.</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Soil</u>		<u>16</u>	<u>16</u>	<u>E1 5'</u>
<u>Shale</u>	<u>16</u>	<u>36</u>	<u>20</u>	
<u>Sand</u>	<u>36</u>	<u>76</u>	<u>40</u>	
<u>Shale</u>	<u>76</u>	<u>136</u>	<u>80</u>	
<u>Sand</u>	<u>136</u>	<u>215</u>	<u>59</u>	
<u>Coal</u>	<u>215</u>	<u>218</u>	<u>3</u>	
<u>Shale</u>	<u>218</u>	<u>248</u>	<u>80</u>	
<u>Sand</u>	<u>248</u>	<u>348</u>	<u>50</u>	
<u>Shale</u>	<u>348</u>	<u>460</u>	<u>112</u>	
<u>Coal</u>	<u>460</u>	<u>465</u>	<u>5</u>	
<u>Sand &amp; Shale</u>	<u>465</u>	<u>970</u>	<u>505</u>	
<u>Shale</u>	<u>970</u>	<u>1010</u>	<u>40</u>	
<u>Sgt Sand</u>	<u>1010</u>	<u>1608</u>	<u>598</u>	<u>Hole full of water at 1080'</u>
<u>Shale</u>	<u>1608</u>	<u>1633</u>	<u>25</u>	
<u>Light Lime</u>	<u>1633</u>	<u>1665</u>	<u>32</u>	
<u>Big Lime</u>	<u>1665</u>	<u>1670</u>	<u>5</u>	
<u>Big Lime</u>	<u>1670</u>	<u>1855</u>	<u>185</u>	
<u>Big Lime</u>	<u>1855</u>	<u>1925</u>	<u>70</u>	
<u>Shale</u>	<u>1925</u>	<u>2005</u>	<u>80</u>	
<u>Shale</u>	<u>2005</u>	<u>2105</u>	<u>100</u>	
<u>Shale</u>	<u>2105</u>	<u>2349</u>	<u>244</u>	
<u>Thin Shale</u>	<u>2349</u>	<u>2371</u>	<u>22</u>	
<u>Thin Sand</u>	<u>2371</u>	<u>2391</u>	<u>20</u>	

RECEIVED  
 Office of Oil and Gas  
 JUN 01 2015  
 WV Department of  
 Environmental Protection

47.043-02189

RECORD of Well No. 10 on W. S. Spurr Farm Acres .....  
 Field, ..... District ..... County .....  
 Rig Commenced ..... 19..... Completed ..... 19.....  
 Drilling Commenced July 6 1912 Completed Aug 26 1912  
 Cost per foot, 1.10 Contractor Miller Bros Address .....  
 Drillers' Names J. M. Bennett & James Murray

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/2 Inch
<u>13</u>						<u>1728</u>				

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 Inch	10 Inch	8 1/2 Inch	8 Inch	7 1/2 Inch	6 1/2 Inch	6 1/4 Inch	5 3/4 Inch	5 3-16 Inch	4 1/2 Inch
<u>13</u>						<u>1728</u>			<u>1784</u>	

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pt
<u>8/27/12</u>	<u>80gr</u>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
<u>Alyx</u>		<u>10</u>	<u>10</u>	<u>EI = 573.45</u>
<u>Slate</u>	<u>10</u>	<u>40</u>	<u>30</u>	
<u>Red Rock</u>	<u>40</u>	<u>60</u>	<u>20</u>	
<u>Sand shells &amp; B. Rock</u>	<u>60</u>	<u>215</u>	<u>255</u>	<u>315' 10" hole and produced</u>
<u>White slate</u>	<u>215</u>	<u>340</u>	<u>25</u>	<u>after casing through it.</u>
<u>Sand</u>	<u>340</u>	<u>400</u>	<u>60</u>	<u>sum of fluid with no</u>
<u>White slate</u>	<u>400</u>	<u>410</u>	<u>10</u>	<u>showing of water</u>
<u>Sand</u>	<u>410</u>	<u>520</u>	<u>110</u>	
<u>Slate</u>	<u>520</u>	<u>540</u>	<u>20</u>	
<u>Sand</u>	<u>540</u>	<u>760</u>	<u>220</u>	
<u>Black shale</u>	<u>760</u>	<u>800</u>	<u>40</u>	
<u>White lime</u>	<u>800</u>	<u>820</u>	<u>20</u>	
<u>Black shale</u>	<u>820</u>	<u>870</u>	<u>50</u>	
<u>Sand</u>	<u>870</u>	<u>990</u>	<u>120</u>	
<u>Black shale</u>	<u>990</u>	<u>1065</u>	<u>75</u>	
<u>Soft sand</u>	<u>1065</u>	<u>1680</u>	<u>615</u>	<u>Hole filled full at 1146</u>
<u>Black lime</u>	<u>1680</u>	<u>1710</u>	<u>30</u>	<u>with salt water</u>
<u>Beucil slate</u>	<u>1710</u>	<u>1718</u>	<u>8</u>	
<u>White lime</u>	<u>1718</u>	<u>1898</u>	<u>180</u>	
<u>Indian sand</u>	<u>1898</u>	<u>1945</u>	<u>47</u>	
<u>Slate</u>	<u>1945</u>	<u>2385</u>	<u>440</u>	
<u>Green shale</u>	<u>2385</u>	<u>2403</u>	<u>18</u>	
<u>Bona sand</u>	<u>2403</u>	<u>2423</u>	<u>20</u>	<u>Not through the sand</u>

RECEIVED  
Office of Oil and Gas

01 2015

Department of  
Environmental Protection

RECORD of Well No. **11**

on **W. Spunk Farm**

**47-043-30696**

Acres

Field,

District

County

1919 Commenced

19

Completed

19

Drilling Commenced

**May 14**

19**13**

Completed

**June 30**

19**13**

Cost per foot, **1.15**

Contractor

**Yonkey & Furman**

Address,

**Yonkey, W.V.**

Drillers' Names

**P. J. Brington & W. E. Kellerman**

**CONDUCTOR AND CASING USED IN DRILLING**

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 3/8 Inch	5 3-10 Inch	4 3/8 Inch
<b>14</b>						<b>1845</b>				

**CONDUCTOR AND CASING LEFT IN WELL**

Conductor	13 Inch	10 Inch	8 1/4 Inch	8 Inch	7 3/8 Inch	6 3/8 Inch	6 1/4 Inch	5 3/8 Inch	5 3-10 Inch	4 3/8 Inch
<b>14</b>						<b>1845</b>				

**OIL WELL**

**GAS WELL**

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Size of Packer	Depth Set	Tubing	1st Minute Pressure	Rock Pressure
<b>11/13</b>	<b>80qt.</b>								

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Conductor		<b>14</b>	<b>14</b>	
State	<b>14</b>	<b>140</b>	<b>126</b>	
Sand	<b>140</b>	<b>165</b>	<b>25</b>	
State	<b>165</b>	<b>240</b>	<b>75</b>	
Sand	<b>240</b>	<b>335</b>	<b>95</b>	<b>640' 10" hole</b>
State	<b>335</b>	<b>360</b>	<b>25</b>	
Coal	<b>360</b>	<b>362</b>	<b>2</b>	
State	<b>362</b>	<b>420</b>	<b>58</b>	
Sand	<b>420</b>	<b>525</b>	<b>105</b>	
Coal	<b>525</b>	<b>527</b>	<b>2</b>	
Sand	<b>527</b>	<b>620</b>	<b>93</b>	
State	<b>620</b>	<b>710</b>	<b>90</b>	
Sand	<b>710</b>	<b>815</b>	<b>105</b>	
State	<b>815</b>	<b>850</b>	<b>35</b>	<b>Gas at 1215'</b>
Sand	<b>850</b>	<b>925</b>	<b>75</b>	
State	<b>925</b>	<b>960</b>	<b>35</b>	<b>hole full of water 1250'</b>
Sand	<b>960</b>	<b>1035</b>	<b>75</b>	
State	<b>1035</b>	<b>1100</b>	<b>65</b>	
Sand	<b>1100</b>	<b>1125</b>	<b>25</b>	
State	<b>1125</b>	<b>1150</b>	<b>25</b>	
soft sand	<b>1150</b>	<b>1790</b>	<b>640</b>	
State	<b>1790</b>	<b>1797</b>	<b>7</b>	
Little Lime	<b>1797</b>	<b>1829</b>	<b>32</b>	
Quick Clay	<b>1829</b>	<b>1836</b>	<b>7</b>	
Big Lime	<b>1836</b>	<b>2025</b>	<b>189</b>	

RECEIVED  
Office of Oil and Gas

JUN 01 2015

WV Department of  
Environmental Protection