

Date: 12/29/2011

Operator's Well Number	BW #4		
State	County	Permit	
API Well No.: 47-	073	- 02523	

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENT-OFFICE OF OIL AND GAS
PRE-OPERATION CERTIFICATE
FOR LIQUID INJECTION OR WASTE DISPOSAL WELL**

WELL OPERATOR Appalachian Oil Purchasers, Inc.
Address 157 Lower Eureka Lane
Saint Marys, WV 26170

DESIGNATED AGENT Derrick Lamp
Address 602 Ford Street
Harrisville, WV 26362

GEOLOGICAL TARGET FORMATION Clinton & Median Sandstone Depth 7160 feet(top) to 7326 feet(bottom)

Virgin reservoir pressure in target formation unknown psig

Source of information on virgin reservoir pressure:

Perforation intervals 7150'-7244' & 7300'-7326'Open-hole intervals None

MAXIMUM PERMITTED INJECTION OPERATIONS

Well head injection pressure: 2258 _____psig

Bottom hole pressure: _____ psig

Volume per hour:

DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED

Liquids to be injected for oil recovery:

Wastes to be disposed of: Produced salt water

Additives (Slurry mediums, inhibitors, solvents, oxidizers, deoxidizers, etc.)

SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL Annulus filled with
corrosion inhibitor fluid.

ADDITIONAL DRILLING AS PART OF THE CONVERSION (Complete form WR-35)

DETAILS ON NEW CASING AND TUBING PROGRAM AS PART OF THE CONVERSION (To be completed below unless the new casing and tubing program is described on a form WR-35, submitted in connection with the permit to which this form WR-37 relates.)

[illegible]

WR37

MECHANICAL INTEGRITY TEST

Test Method: Put corrosion inhibitor on back side of tubing between 2 7/8" and 4 1/2". Got all air bubbles out and pressured up the annulus between 2 7/8" and 4 1/2" to 3400 psi and held it for 30 minutes. Pressure had no noticeable drop on chart or gauge. Joe Taylor was present throughout the entire test.

* The undersigned certifies that the test was performed on December 29, 20 and demonstrated mechanical integrity of the well. The test was witnessed by Joe Taylor representing the Office of Oil and Gas.

Appalachian Oil Purchasers, Inc.
Well Operator

12/29/11
Date

THIS WELL IS AUTHORIZED FOR INJECTION.

Signed James Peters UIC PROGRAM DIRECTOR
Date 1/3/12

[NOTE: That the mechanical integrity of this well must be demonstrated again within ninety (90) days of five years from this date in order for injection to continue. Please notify the state inspector 24 hours in advance of the test].

Appalachian Oil Purchaser's Inc.

Well Operator
By Bruce A. Taylor
Its Operations Manager

Graphic Controls Inc.

CHART NO. MC M-5000-3H-150F

METER

CHART PUT ON

TAKEN OFF

LOCATION

REMARKS

47-73-02525
Held for 30 min.
11-27-11-57 AM

SATURDAY

SUNDAY

TUESDAY

WEDNESDAY

ATTENDE: