

- 12/10/09 - Talked to Terry/Tam
to investigate

WEST VIRGINIA
GEOLOGICAL AND ECONOMIC SURVEY

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Morgantown, WV 26508-8079

Joe Manchin, III, Governor
Kelley Goes, Secretary, Department of Commerce
Michael Ed. Hohn, Director and State Geologist



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Mr. James Peterson
Office of Oil and Gas
WV Department of Environmental Protection
601 57th Street
Charleston, WV 25304

December 4, 2009

Re: Hall Drilling, LLC. API Number 085-09669

Dear Jamie:

I have reviewed the above referenced UIC permit. I certainly prefer to see fluids injected into the same or a deeper zone. The list of wells to be serviced by this well shows that they produce from the Marcellus, so the produced fluids should be compatible with those in the proposed disposal well..

No units are given for the proposed volume of fluid per hour. I am not sure where the water wells which were sampled for analysis are located. They may be shown on the page that I don't think reproduced well as a black and white copy.

My main concern with this well is the old well which I believe is located with 0.25 miles of the proposed injection well. It is shown on the attached map as 91172 and was one we found a location for during the course of our abandoned wells project. I don't have any other information about it, but it is probably worthwhile to have it looked into by someone prior to the permit being issued or injection commencing in this well.

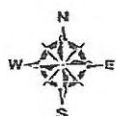
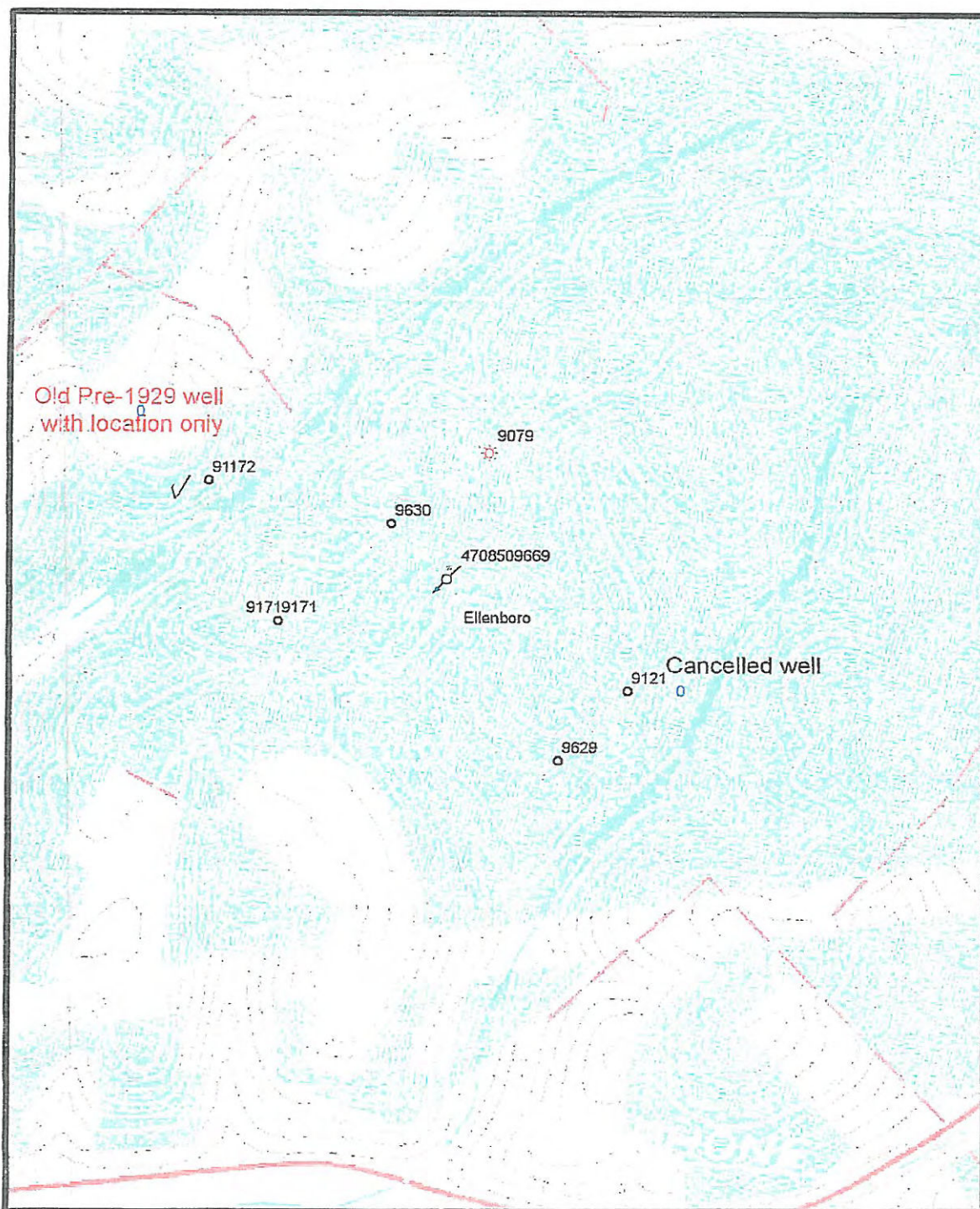
I assume that the Mechanical Integrity Testing has been done to your satisfaction although no data on it are included here.

If you have any questions about anything I have mentioned above, please contact me. I apologize for taking so long to get this letter written.

Sincerely,

Katharine Lee Avery,
Petroleum Geologist and Manager,
Oil and Gas Program

Wells within 0.25 miles of 4708509669



Legend

wells within 0.25 mi of 08 9669



○ unknown

⊗ Gas

○ not available

