

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-085-09669

Farm name: Shanley Operator Well No.: 6a

LOCATION: Elevation: 1037' Quadrangle: Ellenboro

District: Clay County: Ritchie
Latitude: 870 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude 3800 Feet West of 81 Deg. 00 Min. 00 Sec.

Company: Hall Drilling LLC

Address	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
981 E. Washington Avenue Ellenboro, WV 26346				
Agent: Michael T. Hall	Existing Casing from Original Working			
Inspector: David Cowan	9 5/8"	130'	130'	CTS
Date Permit Issued: 12/03/09	7"	1,842'	1,842'	CTS
Date Well Work Commenced:	4 1/2"	6,263'	6,263'	65 SKS
Date Well Work Completed: <u>7/22/10</u>				
Verbal Plugging:				
Date Permission granted on:	New Casing from Conversion to UIC			
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>	2 7/8"		5,800'	on packer
Total Vertical Depth (ft): <u>6,269'</u>				
Total Measured Depth (ft): <u>6,269'</u>				
Fresh Water Depth (ft.): <u>75'</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>N/A</u>				
Void(s) encountered (N/Y) Depth(s) <u>N/A</u>				

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OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus 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

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

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

Date

09/27/2013

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No.

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

No additional stimulation on this well.

Plug Back Details Including Plug Type and Depth(s):

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
<u>Surface:</u>			

This well was converted to a Underground Injection Well. No additional drilling or stimulation was necessary. New tubing and a double air-set packer was set at 5,800'.

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