

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

Farm name: Addison Operator Well No.: 5H

LOCATION: Elevation: 1331' Quadrangle: Wileyville 7.5'

District: Franklin County: Marshall
Latitude: 5,275 Feet South of 39 Deg. 45 Min. 00 Sec.
Longitude 10,890 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: Gastar Exploration USA, Inc

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
229 West Main St, Suite 301 Clarksburg, WV 26301	20"		110'	CTS
Agent: <u>Michael McCown</u>	13 3/8"		1177'	1071 ft^3
Inspector: <u>Bill Hendershot</u>	9 5/8"		2625'	1102 ft^3
Date Permit Issued: <u>8-31-2012</u>	5 1/2"		12,217'	3417 ft^3
Date Well Work Commenced: <u>9-15-2011</u>	2 3/8"		6873'	
Date Well Work Completed: <u>4-11-2012</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>6831'</u>				
Total Measured Depth (ft): <u>12,253'</u>				
Fresh Water Depth (ft.): <u>60'</u>				
Salt Water Depth (ft.): <u>1600'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>Refer to page 2</u>				
Void(s) encountered (N/Y) Depth(s) <u>No</u>				

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

Producing formation Marcellus Pay zone depth (ft) ^{7650' to 12,077'}

Gas: Initial open flow 2184 MCF/d Oil: Initial open flow 8 Bbl/d

Final open flow 2856 MCF/d Final open flow 84 Bbl/d

Time of open flow between initial and final tests 96 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

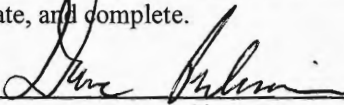
Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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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

6-27-13
Date

01/17/2014

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes _____ No

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:

See attached sheet:

Plug Back Details Including Plug Type and Depth(s): n/a

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface:

Sewickley Coal	935 - 955	Geneseo	6616 - 6638
Pittsburgh Coal	1090 - 1100	Tully	6638 - 6705
Maxton	2132 - 2182	Hamilton	6705 - 6750
Big Lime	2205 - 2235	Marcellus	6750 - 6831
Big Injun	2243		
Base of Big Injun	2377		
Weir	2523 - 2693		
Berea	2704 - 2923		
Gordon	2927 - 2957		
Benson	3638 - 3648		
Java	5229 - 5549		
Rhinestreet	6027 - 6440		
Cashaqua	6440 - 6538		
Middlesex	6538 - 6562		
West River	6562 - 6616		

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