

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

DATE: 6/27/2013
API #: 47-051-01578

Farm name: Addison Operator Well No.: 2H

LOCATION: Elevation: 1331' Quadrangle: Wileyville 7.5'

District: Franklin County: Marshall
Latitude: 5,210 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: Michael McCown	13 3/8"		1177'	1071 ft^3
Inspector: Bill Hendershot	9 5/8"		2589'	1096 ft^3
Date Permit Issued: 8-28-2012	5 1/2"		11,546'	3233 ft^3
Date Well Work Commenced: 9-15-2011	2 3/8"		6591'	
Date Well Work Completed: 4-11-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 6785'				
Total Measured Depth (ft): 11,576'				
Fresh Water Depth (ft.): 60'				
Salt Water Depth (ft.): 1600'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): Refer to page 2				
Void(s) encountered (N/Y) Depth(s) No				

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

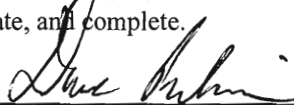
Producing formation Marcellus Pay zone depth (ft) 7071' to 11,405'
Gas: Initial open flow 936 MCF/d Oil: Initial open flow 8 Bbl/d
Final open flow 1824 MCF/d Final open flow 84 Bbl/d
Time of open flow between initial and final tests 96 Hours
Static rock Pressure _____ psig (surface pressure) after _____ 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 - 6785
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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Fluid & Sand Volume Summary - Addison #2H

Date	Stage	Perforated interval		Fluid Type	Frac Fluid	Pump Down	100 mesh	40/70 M	Total Sand	Avg Inj
		From ft	To ft							
1/31/2013	1	11371	11395	slk wtr	bbls 2439	bbls 2115	lbs 24466	lbs 8153	lbs 32619	BPM 80
2/3/2013	2	11256	11346	slk wtr	bbls 3430	bbls 322	lbs 0	lbs 11895	lbs 11895	BPM 85
2/6/2013	2A	10971	11346	slk wtr	bbls 4254	bbls 315	lbs 4728	lbs 43811	lbs 48539	BPM 81
2/7/2013	3	10971	11221	slk wtr	bbls 5973	bbls 274	lbs 2088	lbs 34442	lbs 36530	BPM 77
2/9/2013	4	10671	10921	slk wtr	bbls 5862	bbls 245	lbs 0	lbs 302307	lbs 302307	BPM 80
2/10/2013	5	10371	10621	slk wtr	bbls 5799	bbls 249	lbs 0	lbs 299949	lbs 299949	BPM 81
2/11/2013	6	10071	10321	slk wtr	bbls 6147	bbls 231	lbs 0	lbs 302617	lbs 302617	BPM 81
2/13/2013	7	9771	10021	slk wtr	bbls 5695	bbls 188	lbs 0	lbs 303602	lbs 303602	BPM 80
2/14/2013	8	9471	9721	slk wtr	bbls 5719	bbls 193	lbs 0	lbs 302804	lbs 302804	BPM 80
2/15/2013	9	9171	9421	slk wtr	bbls 5809	bbls 150	lbs 0	lbs 297058	lbs 297058	BPM 81
2/17/2013	10	8871	9121	slk wtr	bbls 5814	bbls 159	lbs 0	lbs 286095	lbs 286095	BPM 82
2/19/2013	11	8571	8821	slk wtr	bbls 5874	bbls 118	lbs 0	lbs 298918	lbs 298918	BPM 81
2/21/2013	12	8271	8521	slk wtr	bbls 5908	bbls 98	lbs 0	lbs 303458	lbs 303458	BPM 80
2/22/2013	13	7971	8221	slk wtr	bbls 5201	bbls 100	lbs 0	lbs 218265	lbs 218265	BPM 80
2/23/2013	14	7671	7921	slk wtr	bbls 6049	bbls 69	lbs 0	lbs 273482	lbs 273482	BPM 80
2/25/2013	15	7371	7621	slk wtr	bbls 5902	bbls 55	lbs 0	lbs 301984	lbs 301984	BPM 80
2/26/2013	16	7071	7321	slk wtr	bbls 5726	bbls 55	lbs 0	lbs 304904	lbs 304904	BPM 80

Totals 91601 4881 31282 3893744 3925026

Water to Recover 96482 bbls

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