

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 #: 47-51-01577

Farm name: Addison Operator Well No.: 3H

LOCATION: Elevation: 1331' Quadrangle: Wileyville 7.5'

District: Franklin County: Marshall  
Latitude: 5,230 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"		1178'	1071 ft^3
Inspector: Bill Hendershot	9 5/8"		2596'	1109 ft^3
Date Permit Issued: 9-6-2012	5 1/2"		12,737'	3583 ft^3
Date Well Work Commenced: 9-15-2011	2 3/8"		6718'	
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): 6813'				
Total Measured Depth (ft): 12,739'				
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)

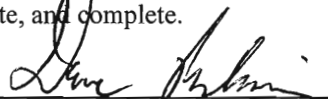
Producing formation Marcellus Pay zone depth (ft) 7071' to 11,405'  
Gas: Initial open flow 1824 MCF/d Oil: Initial open flow 8 Bbl/d  
Final open flow 3000 MCF/d Final open flow 84 Bbl/d  
Time of open flow between initial and final tests 96 Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) 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: Surface:	Top Depth	/	Bottom Depth
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 - 6813
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 #3H

Date	Stage	Perforated interval		Fluid Type	Frac Fluid	Pump	100 mesh	40/70 M	Total Sand	Avg. Inj
		From	To							
		ft	ft		bbls	bbls	lbs	lbs	lbs	BPM
1/31/2013	1	12562	12586	slk wtr	3267	737	26048	92825	118873	80
2/2/2013	2	12447	12537	slk wtr	1631	401	0	616	616	75
2/6/2013	3	12162	12412	slk wtr	2798	355	3150		3150	80
2/7/2013	4	11862	12112	slk wtr	6405	380	0	304235	304235	80
2/9/2013	5	11562	11812	slk wtr	5789	337	0	301575	301575	79
2/11/2013	6	11262	11512	slk wtr	5958	333	0	302720	302720	81
2/12/2013	7	10962	11212	slk wtr	6013	292	0	302033	302033	82
2/13/2013	8	10662	10912	slk wtr	5915	250	0	302687	302687	79
2/15/2013	9	10362	10612	slk wtr	5911	255	0	300064	300064	81
2/17/2013	10	10062	10312	slk wtr	5785	213	0	301006	301006	80
2/18/2013	11	9762	10012	slk wtr	5783	200	0	298847	298847	80
2/19/2013	12	9462	9712	slk wtr	5845	186	0	280590	280590	81
2/21/2013	13	9162	9412	slk wtr	5805	158	0	301211	301211	80
2/22/2013	14	8862	9112	slk wtr	5170	283	0	145416	145416	80
2/23/2013	15	8562	8812	slk wtr	6226	133	0	297579	297579	80
2/24/2013	16	8262	8512	slk wtr	6149	116	0	279565	279565	80
2/27/2013	17	7962	8212	slk wtr	5962	98	0	301383	301383	80
2/28/2013	18	7662	7912	slk wtr	5385	75	0	289308	289308	80
3/1/2013	19	7362	7612	slk wtr	5674	62	0	301077	301077	80

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Totals 101471 4864 29198 4702737 4731935

Water to Recover 106335 bbls

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