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:	June 25, 2013	
API #:	47-051-01506	

TION: Elevation: 1328'	Quadrangle:	Quadrangle: Powhatan Point 7.5'										
District: Franklin	County: Mars	County: Marshall										
Latitude: 13,575 Feet South of 39 De	eg. 47 Mi											
Longitude 3,150 Feet West of 80 D	eg. 47 Min	n. 30 S	ec.									
Control Fording LIGA In												
Company: Gastar Exploration USA, Inc												
Address: 229 West Main St, Suite 301	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.								
Clarksburg, WV 26301	20"	urming	40'	Sanded								
Agent: Michael McCown	13 3/8"		1145'	855 ft^3								
Inspector: Bill Hendershot	9 5/8"		2533'	773 ft^3								
Date Permit Issued: 9-30-2011	5 1/2"		12,345'	3276 ft^3								
Date Well Work Commenced: 10-15-2011	2 3/8"		6481'									
Date Well Work Completed: 7-31-2012												
Verbal Plugging:												
Date Permission granted on:												
Rotary Cable Rig												
Total Vertical Depth (ft): 6611'												
Total Measured Depth (ft): 12,348'												
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												
EN EL OW DATA (IC., and It., days a large Company)		1 1122 1	1.4	1 ()								
EN FLOW DATA (If more than two producing form Producing formation Marcellus P	ay zone depth (ft)		data on separate s	sneet)								
Gas: Initial open flow ¹³⁴⁸ MCF/d Oil: Initial open				Received Received								
Final open flow 3264 MCF/d Final open		bl/d		Rect Oil or								
Time of open flow between initial and final tests				Office								
Static rock Pressure psig (surface pressure				7								
	, <u> </u>			Mice of Oil &								
Second producing formationPay												
Gas: Initial open flowMCF/d Oil: Initial open												
Final open flowMCF/d Final open												
Time of open flow between initial and final tests	Hour	rs										

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.

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01/17/2014

Were core samples taken? YesNo	X Were cuttings caught during drilling? Yes No X
Were Electrical, Mechanical or Geophysica	logs recorded on this well? If yes, please list No
FRACTURING OR STIMULATING, P DETAILED GEOLOGICAL RECOR	T THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, IYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING LBORE FROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimula	ng:
See attached sheet:	
Plug Back Details Including Plug Type and	Depth(s): n/a
	- 100
Formations Encountered:	Top Depth / Bottom Depth
Surface:	
Sewickley Coal 890 - 910	Geneseo 6496 - 6522
Pittsburgh Coal 1031 - 1041	Tully 6522 - 6553
Maxton 2009 - 2059	Hamilton 6553 - 6574 Marcellus 6574 - 6611
Big Lime 2082- 2112 Big Injun 2122	Ivial Cellus 0374 - 0011
Base of Big Injun 2256	
Weir 2441 - 2611	
Berea 2629 - 2869	
Gordon 2964 - 2994	
Benson 3668 - 3678	
Java 5291 - 5611	
Rhinestreet 5919 - 6283	ived Gas
Cashaqua 6283 - 6411	Second Out of Case
Middlesex 6411 - 6430	Office Tolk
West River 6430 - 6496	

Fluid & Sand Volume Summary - Burch Ridge #2H

Avg Inj	BPM	82	82	81	82	82	81	83	81	83	82	83	83	84	82	83	84	84	83					
Total Sand	sql	194521	339333	296403	351787	314404	348913	394103	393134	351085	361673	344871	393273	362564	392965	393040	391522	393450	392739	000000	6409780			
40/70 M	lbs	147541	245296	202448	257809	220971	254456	299080	298636	256767	268916	250795	299476	268411	298910	298097	297511	298699	298600	4765440	4/62419			
100 mesh	lbs	46980	94037	93955	93978	93433	94457	95023	94498	94318	92757	94076	93797	94153	94055	94943	94011	94751	94139	1041204	164/361	hhle	2	
Pump	slqq	0	348	329	317	310	273	250	234	500	184	158	160	130	116	96	81	26	38	0000	3289	123246 hhle		
Frac Fluid	slqq	4177	6856	6408	6757	7558	9602	7140	6952	6795	6701	6436	6818	6605	6904	6536	6723	6828	2999	140071	11995/	Recover		
Fluid Type		slk wtr	sik wtr	sik wtr	slk wtr	slk wtr	sik wtr	slk wtr	sik wtr	slk wtr	slk wtr	slk wtr	slk wtr			Water to Recover								
Perforated interval	Ħ	12266	12111	11811	11511	11211	10911	10611	10311	10011	9711	9411	9111	8811	8511	8211	7911	7611	7296					
<u>Perforate</u> <u>From</u>	ft	12176	11881	11581	11281	10981	10681	10381	10081	9781	9481	9181	8881	8581	8281	7981	7681	7381	6946					
Stage		1	2	3	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18		lotals	ecei	iod e	Gas
Date		6/17/2012	6/18/2012	6/18/2012	6/18/2012	6/19/2012	6/19/2012	6/19/2012	6/20/2012	6/20/2012	6/20/2012	6/23/2012	6/23/2012	6/23/2012	6/24/2012	6/24/2012	6/24/2012	6/25/2012	6/25/2012		Off	Ce of	100	1