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:	6/27/2013	
API#:	47-051-01541	

ATION: Elevation: 1331'		ll No.: 9H		
ATTON: Elevation.	_ Quadrangle:	Powhatan Point	7.5'	
District: Franklin	County: Mars	shall		
Latitude: 11,465 Feet South of 39 Deg.  Longitude 10,785 Feet West of 80 Deg	47 Min	n. 30 S	ec.	
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"		110'	CTS
Agent: Michael McCown	13 3/8"		1181'	1065 ft^3
Inspector: Bill Hendershot	9 5/8"		2337'	993 ft^3
Date Permit Issued: 3-21-2012	5 1/2"		9577'	2700 ft^3
Date Well Work Commenced: 7-4-2012	2 3/8"		6438'	
Date Well Work Completed: 5-31-2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig 🗸				
Total Vertical Depth (ft): 6485'				
Total Measured Depth (ft): 9612'				
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				

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.

Time of open flow between initial and final tests\_\_\_\_\_\_Hours
Static rock Pressure\_\_\_\_\_\_psig (surface pressure) after \_\_\_\_\_Hours

Sur Inhim 6-27-1301/17/2014

Were core samples taken? YesNo_	X Were cuttings caught during drilling? YesNo_X
Were Electrical, Mechanical or Geophysical l	ogs recorded on this well? If yes, please list_No
FRACTURING OR STIMULATING, PH DETAILED GEOLOGICAL RECORD	T THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, YSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING BORE FROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulatin	g:
See attached sheet:	
Plug Back Details Including Plug Type and D	epth(s): n/a
Formations Encountered: Surface:	Top Depth / Bottom Depth
Sewickley Coal 766 - 786	Geneseo 6355 - 6375
Pittsburgh Coal 907 - 917	Tully 6375 - 6412
Maxton 1885 - 1935	Hamilton 6412 - 6452
Big Lime 1958 - 1988	Marcellus 6452 - 6485
Big Injun 1988	
Base of Big Injun 2132	
Weir 2317 - 2487	
Berea 2505 - 2745	
Gordon 2840 - 2870	
Benson 3544 - 3554	es beu
Java 5167 - 5487	Received Gas Office of Oil & Gas
Rhinestreet 5839 - 5981	Ottice
Cashaqua 5981 - 6270	1 200
Middlesex 6270 - 6284	700
West River 6284 - 6355	

Fluid & Sand Volume Summary - Shields #9H

0,40	C+S	Dorforstod intenva	d interval	Eluid Tyne	Frac Fluid	Dim	100 mach	40/70 M	Total Sand	Ava Ini
Date	Olaye	From	디			Down				8
		#	¥		slqq	pbls	sql	lps	sql	BPM
4/1/2013	1	9339	9425	sik wtr	3279	0	96763	64835	161598	80
4/2/2013	2	9188	9344	slk wtr	3938	218	114919	70759	185678	80
4/3/2013	3	8868	9144	slk wtr	4444	183	110863	44722	155585	80
4/4/2013	4	8788	8944	slk wtr	4705	188	129995	69887	199882	80
4/5/2013	2	8288	8744	slk wtr	4403	184	138898	60717	199615	80
4/6/2013	9	8388	8544	slk wtr	2002	153	2683	0	2683	37
4/7/2013	7	8188	8344	slk wtr	4003	148	1086	0	1086	89
4/10/2013	∞	7988	8144	slk wtr	4181	135	144858	64608	209466	80
4/11/2013	6	7788	7944	slk wtr	3806	118	132180	68705	200885	80
4/12/2013	10	7588	7744	slk wtr	5050	104	131687	66372	198059	80
4/15/2013	11	7388	7544	slk wtr	3734	88	131901	70418	202319	81
4/17/2013	12	7188	7344	slk wtr	3748	71	133115	65738	198853	80
4/18/2013	13	6928	7124	slk wtr	2240	52	90899	50088	116894	79
	Totals				49533	1642	1335754	696849	2032603	
				Water to Recover	Recover	51175	siqq			

Office of Oil 8 Gas