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:	10/5/2011
API#:	47-1103-02523

Farm name: James W. Yoho	_ Operator We	ll No.:1			
LOCATION: Elevation: 847'	_ Quadrangle: Porter Falls 7.5'				
District: Green	_ County: Wet	County, Wetzel			
Latitude: 9,260 Feet South of 39 Deg.					
Longitude 9,850 Feet West of 80 Deg	. 47 Min	n. 30 Se	c.		
Company: Gastar Exploration USA, Inc.					
Address: 229 West Main Street, Suite 301	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Clarksburg, WV 26301	16"	60'	60'	Sanded	
Agent: Michael McCown	11-3/4"	715'	715'	CTS	
Inspector: Derek Haught	8-5/8"	2770'	2770'	CTS	
Date Permit Issued: 8/24/2009	5-1/2"	6470'	6470'	CSR 11.1	
Date Well Work Commenced: 10/1/2009					
Date Well Work Completed: 11/5/2009					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig X			RECE		
Total Vertical Depth (ft): 6494			Office of	ii ² Gas	
Total Measured Depth (ft):				''' ≭ Gas	
Fresh Water Depth (ft.): 60			NOV 2 (2013	
Salt Water Depth (ft.): 1600				. 975	
Is coal being mined in area (N/Y)? N		Envi	[™] Depart	ment of	
Coal Depths (ft.): 200' & 600"		Envi	onmental	ment of Protection	
Void(s) encountered (N/Y) Depth(s) N	<u> </u>		1	OFCTION	
OPEN FLOW DATA (If more than two producing formatic Producing formation Marcellus Pay Gas: Initial open flow 600 MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests 72 Static rock Pressure 2800 psig (surface pressure) at	zone depth (ft) 6 low 0 B w 10 B Hours	5483 bl/d bl/d	ata on separate sh	neet)	
Second producing formation Pay zo	ne depth (ft)				
Gas: Initial open flow MCF/d Oil: Initial open fl		bl/d			
	wBb				
Time of open flow between initial and final tests					
I certify under penalty of law that I have personally examined all the attachments and that, based on my inquiry of those indit that the information is true, accurate, and complete.	and am familiar	with the informately responsibl	e for obtaining th	on this document an ne information I belic	
Signature		_	Date		

Were core samples taken? Yes X No	Were cuttings caught during drilling? Yes_X No
Were Electrical, Mechanical or Geophysical logs red GEM & FMI Logs	ecorded on this well? If yes, please list Dual Induction Sonic Log, Dipole Sonic,
FRACIORING OR STIMULATING, PHYSIC	IE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, CAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING E FROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
TIH W/ 3-3/8" casing gun and perforate Ma	arcellus F/6476-84 3 SPF (.37" Hole, 43 IN Penetration).
Breakdown Lower Marcellus W/1000 Gal 7	7 1/2% HCL. Formation Broke at 4BPM, 4200 PSI and Broke
Back to 3000 PSI. Over displace Acid 15 B	BBL W/ 3% KCL Water. ISIP - 2866 PSI, 15 Min - 2770 PSI.
	Pressure. Final Pressure was 2713 PSI. Bled Off Pressure.
TIH W/ 3/8" Casing Gun and Perforate M	Marcellus F/6461-74' (3 SPF), 6449-57' (3 SPF), and 6441-45'
(2 SPF). All Shots Fired. Total of 99 Holes.	
Plug Back Details Including Plug Type and Depth(s)):
Formations Encountered: Surface:	Top Depth / Bottom Depth
Geneseo 6359' - 6369'	
Tully Limestone 6375' - 6396'	
Devonian Gray Shale 6405' - 6439'	
Marcellus 6442' - 6483'	
Onondaga 6487' - 6494'	
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