

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:	5/28/2013			
API#:	47-033-05536			

n name: Davis, Laura Goff	Operator Well No.: Goff 8HM				
CATION: Elevation: 1158' GL / 1178' KB	Quadrangle: _	Wolf Summit 7.5	5'		
District: Clark	County: Ha	arrison			
Latitude: 11,943 Feet South of 39 Deg.	County: Harrison Min. 30 Sec.				
Longitude 231 Feet West of 80 Deg.					
22011					
Company: PDC Mountaineer, LLC	Ta : n	T	1	T	
Address: 120 Genesis Boulevard	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Bridgeport, WV 26330	30"	105'	105'	Cement to Surf	
Agent: Bob Williamson	13 3/8"	711'	711'	998	
Inspector: Sam Ward	9 5/8"	2500'	2500'	1004	
Date Permit Issued: 04/19/2011	5 1/2"	11,508'	11,508'	4124	
Date Well Work Commenced: 05/16/2013					
Date Well Work Completed: 08/07/2013					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig		RI	CENED		
Total Vertical Depth (ft): 7,063'		Office	of Oil & C	as	
Total Measured Depth (ft): 11,520'			31 01 31 6		
Fresh Water Depth (ft.): 140',650'		NO	/ 0 4 2013		
Tresh Water Depair (10).		Line			
Date trater is spin (ta).	r	- WV De	Cartment	of	
		nvironme	mal Prote	ction	
Cont 2 cpins (111).				011011	
Void(s) encountered (N/Y) Depth(s) None					
Is coal being mined in area (N/Y)? N Coal Depths (ft.): 170', 825' Void(s) encountered (N/Y) Depth(s) None PEN FLOW DATA (If more than two producing formatic Producing formation Marcellus Shale Pay 2 Gas: Initial open flow 8,928 MCF/d Oil: Initial open flow	zone depth (ft)	7045' TVD			
nitial open flow_8,928_MCF/d Oil: Initial open flow_1 open flow_5,832_MCF/d Final open flow					
Time of open flow between initial and final tests 65					
Static rock Pressure 1,650 psig (surface pressure) af		rs			
Second producing formation N/A Pay zo	ne denth (ft)				
Gas: Initial open flow MCF/d Oil: Initial open fl					
Gas, thittal open now Wich a On, thittal open i					
Final open flow MCF/d Final open flow Time of open flow between initial and final tests					

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

10/31/2013 Date

Were core samples	taken? YesNo_XX	Wo	ere cuttings caugl	nt during drilling?	Yes_XX_No
Were Electrical, M	cchanical or Geophysical logs receirectional GR from 4300' - 11,518'.	orded on this well	? If yes, please li	ist Mud logger's wel	log from 6100' - 11,520'.
FRACTURING (DETAILED GE	E AREA BELOW PUT THE OR STIMULATING, PHYSICA OLOGICAL RECORD OF TH ITERED BY THE WELLBORE	L CHANGE, ET IE TOPS AND	C. 2). THE WE BOTTOMS O	LL LOG WHICI F ALL FORMA	H IS A SYSTEMATIC
Perforated Intervals	s, Fracturing, or Stimulating:				
Perforated interv	/al 7,636 ft - 11,403 ft (700 s	shots). Frac'd 1	4 stages usin	g 340 bbls 15%	HCL and 110,500
bbls of Slickwate	er carrying 1,121,800 lbs of	100-mesh sar	nd and 4,769,6	000 lbs of 40/7	0 sand.
Plug Back Details I	Including Plug Type and Depth(s):				
		IN/A			
Formations Encour Surface:	ntered:	Top Depth	1		Bottom Depth
Little Lime (est	from 47-033- 05344)	1372	1390		
Big Lime	Ħ	1410	1524		
Big Injun	11	1524	1578		
Gantz	11	1868	1912		
50 Foot	11	1958	1994		
30 Foot	11	2004	2034		
Gordon Stray	Π	2054	2070		
4th Sand	R	2222	2294		
5th Sand	11	2378	2416		
Benson	н	4424	4462		
Sycamore (from	n Directional GR TVD Log)	6238	6267		
Geneseo	n	6787	6814		
Tully	11	6814	6879		
Marcellus	н	6985	11,520	MD-TD	
All depths are T	VD except TD.				