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:	08/10/2012	V
API#:	47-33-05343	

ATION: Elevation: 1,196 GL / 1,214 KB				
District: Clark Latitude: 7,890 Feet South of 39 Deg. Longitude 7,210 Feet West of 80 Deg.				
Company: PDC Mountaineer				
Address: 120 Genesis Blvd.	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Bridgeport, WV 26330	20"	104'	104'	CmtToSurf
Agent: Bob Williamson	13 3/8"	486'	486'	353
Inspector: Tim Bennett	9 5/8"	2,464'	2,464'	893
Date Permit Issued: 12/17/2009	5 1/2"	9,959'	9,959'	1,806
Date Well Work Commenced: 05/26/2010				
Date Well Work Completed: 08/02/2010	2 3/8"		6,727'	
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 7,041				
Total Measured Depth (ft): 9,970				
Fresh Water Depth (ft.): 99'				
Salt Water Depth (ft.): None Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None Recorded - Air Drilled				
Void(s) encountered (N/Y) Depth(s) N				
Gas: Initial open flow 1.165 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 2200 psig (surface pressure) af	cone depth (ft)_ owBl /Bb 0Hours ter72Hou	6971' bl/d ol/d rs	ta on separate s	sheet)
Gas: Initial open flowMCF/d Oil: Initial open fl	ne depth (ft) .owB vBt	bl/d		

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 believe that the information is true, accurate, and complete. 02/01/2083i⁰¹³

Signature

01/25/2013 Date

Were core samples taken? Yes	_{No_} XX	Were cuttings caught during drilling? YesNo
Warn Flootrical Machanical or Geo	onhysical logs recor	rded on this well? If yes, please list Mudlog, Quad Neutron,
Nevis Energy Services GR log from 6060' to TD	, GR/CCL/Temp Radial Bo	and Log.
FRACTURING OR STIMULAT	FING, PHYSICAL	FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, L CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC IE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING FROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or		
Perforated interval 7,793 ft - 9,90	01 ft (350 shots). F	Frac'd 7 stages using 167 bbls 15% HCL, and 52,100 bbls of Slickwater
arrying 331,000 lbs of 100-mesh s	sand, 1,324,000 lbs	s of 40/70 sand, and 174,000 lbs of 30/50 sand.
The State of the State of Physics of the State of Physics of the State	Type and Denth(s):	' NI/A
Plug Back Details Including Plug	Type and Depth(s).	· N/A
		Top Depth / Bottom Depth
Formations Encountered: Surface:		Тор Бери
Surface.		
Little Lime	* 1397	1415
Big Lime	1437	1550
Big Injun	1550	1603
Fifty Foot	1986	2070
Thirty Foot	2081	2130
Fourth SS	2298	2354
Fifth SS	2404	2442
Benson	4450	4488
Sycamore Grit	6267	7305
Genessee SH	6762	6781
Tully LS	6781	6883
Hamilton	6883	6971
Marcellus SH	6971	9970 MD - 7041' TVD
	.P at 7028'	account and are TVD unless noted as MD.
*Log tops are from 47-033-05	344 & Nevis Ener	rgy Services GR log started at 6060'KB and are TVD unless noted as MD. Recall & Confice of Oil & Confice of Oil & Confice Oil &
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