

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

February 18, 2015

FINAL INSPECTION REPORT

WELL PERMIT RELEASED

PDC MOUNTAINEER LLC,

The FINAL INSPECTION REPORT for the permit, API Well Number: 47-3305481, issued to PDC MOUNTAINEER LLC, and listed below has been received in this office, and reclamation requirements approved. The well designated by the permit number below has been released under reclamation and will remain under your bond.

James Martin Chief

Operator: PDC MOUNTAINEER LLC

Operator's Well No: GOFF 10HM

Farm Name: CATHER, H. DOTSON - TRUSTEE

API Well Number: 47-3305481

Date Issued: 10/06/2010 Date Released: 02/18/2015

Promoting a healthy environment.

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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:	08/24/2012	
API #:	47-3305481	

rm name: Cather, H. Dotson Trustee	Operator Well No.: Goff 10HM			
OCATION: Elevation: 1,270 GL / 1,288 KB	Quadrangle: _	Wolf Summit		
District: Coal Latitude: 3,430 Feet South of 39 Deg. Longitude 2,380 Feet West of 80 Deg.		Sec.		
Company: PDC Mountaineer	Casing &	Used in	Lest in well	Cement fill
Address: 120 Genesis Blvd.	Tubing	drilling	201	up Cu. Ft.
Bridgeport, WV 26330	20"	60'	60'	Cmt to Surf
Agent: Bob Williamson	13 3/8"	475'	475'	525
Inspector: Tim Bennett	9 5/8"	2,597'	2,597'	841
Date Permit Issued: 10/06/2010	5 1/2"	11,637'	11,637'	2056
Date Well Work Commenced: 12/29/2010				
Date Well Work Completed: 03/17/2011	2 3/8"		7,283'	
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 7236'				RECEIVED
Total Measured Depth (ft): 11,654'			Offic	e of Oil and Gas
Fresh Water Depth (ft.): 284'				- A - 101E
Salt Water Depth (ft.): None Reported			F	EB 1 0 2015
Is coal being mined in area (N/Y)? N			140	Department of
Coal Depths (ft.): None Reported - Air/Mist Drilled			Enviro	nmental Protectio
Void(s) encountered (N/Y) Depth(s) N				
Gas: Initial open flow 5841 MCF/d Oil: Initial open Final open flow MCF/d Final open flow Time of open flow between initial and final tests 7 Static rock Pressure 3500 psig (surface pressure) Second producing formation N/A Pay 2 Gas: Initial open flow MCF/d Oil: Initial open flow MCF/d Final open flow MCF/	y zone depth (ft) flow B DW B 20	Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d	iata on separate si	neet)
Time of open flow between initial and final tests	Ilou after Ho	rs ours		
Static fock Liesznie haiß (zuringe bieganie)		-		

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 course.

Signature

8-30-2012 Date

Were core samples taken? Yes	No_XX_ We	ere cuttings caught during drilling? Yes XX No
	ical logs recorded on this well'	? If yes, please list Mudlog from 6400', Directional Surveys, p. 7500', GR/CCI to 5940'.
TVD & MD Gamma Ray LWD (6240-TD)), Cased Hole	Sonic Scanner log with Bond Log & CCL to	o 7500'. GR/CCI to 5940'. No GR logs run above 5940'.
TO ACTUDING OD STIMULATING	, PHYSICAL CHANGE, E1 RD OF THE TOPS AND	G: 1). DETAILS OF PERFORATED INTERVALS, IC. 2). THE WELL LOG WHICH IS A SYSTEMATIC BOTTOMS OF ALL FORMATIONS, INCLUDING CE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stim		
		using 285 bbls 15% HCL, and 102,700 bbls of Slickwater
carrying 982,000 lbs of 100-mesh sar	nd, 3,685,000 lbs of 40/70 s	sand, and 218,000 lbs of 30/50 sand.
Plug Back Details Including Plug Type	and Depth(s): N/A	
Formations Encountered:	Top Depth	/ Bottom Depth
Surface:		
Sycamore Grit	*6383	6409
Geneseo SH	6895	6917
Tully LS	6917	6983
Hamilton	6983	7120
Marcellus SH	7120	11,654' MD
* All depths are TVD unless not	ed as MD.	
KOP at 6410' MD & LP at 7807'	MD (7179'TVD)	
		RECEIVED
		Office of Oil and Gas
		FEB 1 0 2015
		WV Department of Environmental Protection