

WR-35
Rev (8-10)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: DECEMBER 6, 2011
API #: 035-1459 REWORK

Farm name: VALENTINE Operator Well No.: MCCARTY #1

LOCATION: Elevation: 910' Quadrangle: LIVERPOOL 7.5

District: RAVENSWOOD County: JACKSON
Latitude: 10300' Feet South of 38 Deg. 55 Min. 00 Sec.
Longitude 13150' Feet West of 81 Deg. 30 Min. 00 Sec.

Company:

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
ROY G. HILDRETH AND SON, INC., PO BOX 1007 SPENCER, WV 25276				
Agent: ROY G. HILDRETH	7"	2198'	2198'	TOP CEMENT 1800'
Inspector: JAMIE STEVENS	4 1/2"	2290'	2290'	TOP CEMENT 1300'
Date Permit Issued: <u>9/7/10</u>				
Date Well Work Commenced:				
Date Well Work Completed: <u>11/30/11</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Vertical Depth (ft):				
Total Measured Depth (ft): <u>2618'</u>				
Fresh Water Depth (ft.): <u>100'</u>				
Salt Water Depth (ft.): <u>2050'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation BEREA Pay zone depth (ft) 2570 - 2580'

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow SHOW Bbl/d

Final open flow 20 MCF/d Final open flow 5 Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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.

Ray G. Hildreth
Signature

Dec. 6th, 2011
Date

11/02/2012

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes No _____

Were Electrical, _____ Mechanical, _____ or Geophysical logs recorded on this well?
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

75 QUALITY FOAM FRAC W/ 32000# OF 20/40 SAND - OPEN HOLE FRAC

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

SEE ORIGINAL DRILLING LOG

SEE ATTACHED EXHIBIT A

Well No. 1		D. J. Mc Carthy		Farm 205		Acres	
Lease No. 7957		Hammock		Jackson County Fla.		State	
Drilling Commenced Nov. 3 1925		S. J. S.		Drilling Completed Nov. 2 1927		W. S. 2	
Rock Formations	Top	Bottom	First Layer	Remarks			
State Shell	1500	1627		State furnished for 100 lbs.			
8-Shell Water	1627	1535		by 100 lbs.			
Shell	1627	1642		100 lbs. by 100 lbs.			
8-Shell	1652	1552		46 Bags			
8-Shell	1700	1700					
8-Shell	1720	1735					
8-Shell	1730	1795		had furnished for 100 lbs.			
8-Shell	1795	1830		by 100 lbs.			
8-Shell	1800	1870		W. S. 2			
8-Shell	1870	2060		46 Bags			
8-Shell	1905	1905					
8-Shell	2060	2071					
8-Shell	2071	2115					
8-Shell	2115	2160					
8-Shell	2160	2177					
8-Shell	2177	2185					
8-Shell	2185	2192					
8-Shell	2192	2195					
8-Shell	2195	2197					

CASING RECORD AS TALLED. NOT STEEL LINE MEASUREMENT

Pull In Well	Pulled Out	Left In Well	Shot Date
Feet	In.	Feet	Amount
Feet	In.	Feet	Result

Continued

Depth Set

Well No. 1		D. J. Mc Carthy		Farm 205		Acres	
Lease No. 7957		Hammock		Jackson County Fla.		State	
Drilling Commenced Nov. 3 1925		S. J. S.		Drilling Completed Nov. 2 1927		W. S. 2	
Rock Formations	Top	Bottom	First Layer	Remarks			
State Shell	2197	2205					
8-Shell	2205	2249					
8-Shell	2249	2315					
8-Shell	2315	2570					
8-Shell	2570	2582					
8-Shell	2582	2592					
8-Shell	2592	2620					
8-Shell	2620	2650					
8-Shell	2650	2650					

CASING RECORD AS TALLED. NOT STEEL LINE MEASUREMENT

Pull In Well	Pulled Out	Left In Well	Shot Date
Feet	In.	Feet	Amount
Feet	In.	Feet	Result

3rd shot - 7-11-27
60 lbs. Run down
Result - Good
4th shot - 8-11-27
100 lbs. Run
Result - Good
5th shot - 5-5-29
50 lbs. Run
Result - Good
100 lbs. Run

Depth Set