

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: 23-Apr-2010
API #: 47-085-09866

Farm name: Whittington, Randy H. Operator Well No.: Carder #M1

LOCATION: Elevation: 1105 Quadrangle: Smithville 7.5'

District: Murphy County: Ritchie
Latitude: 180 Feet South of 39 Deg. 02 Min 30 Sec.
Longitude 2610 Feet West of 81 Deg. 02 Min 30 Sec.

Company: Murvin & Meier Oil Co.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P. O. Box 396 Olney, Illinois 62450	16"	20.1	20.1	
Agent: P. Nathan Bowles, Jr.				
Inspector: Mr. David Cowan	11 3/4"	212.5	212.5	165.2
Date Permit Issued: 04/23/2010				
Date Well Work Commenced: 03/17/2012	8 5/8"	1187.2	1187.2	462.0
Date Well Work Completed: 05/25/2012				
Verbal Plugging:	4 1/2"	6287	6287	693.0
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 6304'				
Total Measured Depth (ft): 6304'				
Fresh Water Depth (ft.): 80'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None				
Void(s) encounter (N/Y) Depth(s) N				

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

Producing formation Alexander, Rhinestreet Pay zone depth (ft) 5660' to 6224'

Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 100 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 800 psig (surface pressure) after 72 Hours

Second producing formation Bradford, Riley, Benson Pay zone depth (ft) 4532' to 5110'

Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 100 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 800 psig (surface pressure) after 72 Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all of 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.

Signed: MURVIN & MEIER OIL CO.
By: Gary L. Hill Vice-Pres.
Date: June 16, 2012

08/03/2012

Were core samples taken? Yes___ No__X__ Were cuttings caught during drilling? Yes__X__ No___

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list:

Photo Density/Compensated Neutron/Array Induction Cement Bond/Gamma Ray/Collar

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:

6180' to 6224': 500 gals 15% HCL, 970 bbls, 87 MSCF Nitrogen, 5200# 80/100, 33,000# 20/40
 5994' to 6134': 165 bbls, 808 MSCF Nitrogen, 27,000# 20/40
 5660' to 5882': 500 gals 15% HCL, 145 bbls, 803 MSCF Nitrogen, 30,000# 20/40
 5056' to 5110': 500 gals 15% HCL, 700 MSCF Nitrogen
 4698' to 4846': 500 gals 15% HCL, 360 MSCF Nitrogen
 4532' to 4536': 500 gals 15% HCL, 700 MSCF Nitrogen

Plug Back Details Including Plug Type and Depth(s): None

Formations Encountered	Top Depth	Bottom Depth
Earth	0	5
Sand/Shale	5	92
Sand	92	200
Sand/Shale	200	445
Red Rock	445	455
Sand/Shale	455	535
Red Rock	535	540
Sand/Shale	540	595
Red Rock	595	605
Sand/Shale	605	644
Sand	644	688
Sand/Shale	688	714
Sand	714	792
Sand/Shale/Red Rock	792	830
Sand	830	867
Shale/Red Rock	867	884
Sand	884	924
Sand/Shale/Red Rock	924	1105
Sand	1105	1138
Sand/Shale	1138	1232
Sand	1232	1258

Sand/Shale/Red Rock	1258	1384
Sand	1384	1434
Sand/Shale/Red Rock	1434	1479
Sand	1479	1779
Maxon	1779	1812
Shale	1812	1944
Lower Maxon	1944	1951
Shale	1951	1980
Little Lime	1980	2050
Big Lime	2050	2124
Big Injun	2124	2152
Sand/Shale	2152	2295
Sand/Shale/Red Rock	2295	2516
Berea	2516	2517
Sand/Shale/Red Rock	2517	2742
Gordon	2742	2744
Sand/Shale	2744	3485
Warren	3485	3509
Shale	3509	4089
Speechly	4089	4092
Shale	4092	4434
Bradford	4434	4437
Shale	4437	4842
Benson	4842	4844
Shale	4844	5082
Alexander	5082	5110
Shale	5110	5626
Second Elk	5626	5684
Shale	5684	5832
Rhinestreet	5832	6248
Shale	6248	6304
Total Depth	6304	