

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-Dec-2011
API #: 47-085-09939

Farm name: Morthimer, Marvin W. & Lorraine B. Operator Well No.: Sherwood #1

LOCATION: Elevation: 1239' Quadrangle: Smithville 7.5'

District: Murphy County: Ritchie
Latitude: 7270 Feet South of 39 Deg. 02 Min 30 Sec.
Longitude 8590 Feet West of 81 Deg. 00 Min 00 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'	20'	
Agent: P. Nathan Bowles, Jr.				
Inspector: Mr. David Cowan	11 3/4"	507.8'	507.8'	407.1
Date Permit Issued: 12/8/2011				
Date Well Work Commenced: 1/30/2012	8 5/8"	1997.4'	1997.4'	384.7
Date Well Work Completed: 5/4/2012				
Verbal Plugging:	4 1/2"	6399.5'	6399.5'	875.2
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 6406				
Total Measured Depth (ft): 6406				
Fresh Water Depth (ft.): 76				
Salt Water Depth (ft.): 1955				
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, Elk, Rhinestreet Pay zone depth (ft) 5066' to 6322'
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 150 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 Warren, Bradford, Riley, Benson Pay zone depth (ft) 3518' to 4912'
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 150 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 Hill Vice-Pres.
Date: February 21, 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:

6176' to 6322'	1000 gals 15% HCL, 1443 bbls, 78 MSCF Nitrogen, 10,000 lbs 80/100, 50,000 lbs 20/40
5958' to 6124'	500 gals 15% HCL, 138 bbls, 620 MSCF Nitrogen, 21,000 lbs 20/40
5366' to 5772'	500 gals 15% HCL, 138 bbls, 620 MSCF Nitrogen, 21,000 lbs 20/40
5066' to 5182'	500 gals 15% HCL, 700 MSCF Nitrogen
4850' to 4912'	500 gals 15% HCL, 500 MSCF Nitrogen
4494' to 4600'	500 gals 15% HCL, 600 MSCF Nitrogen
3518' to 3564'	500 gals 15% HCL, 500 MSCF Nitrogen

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

Formations Encountered	Top Depth	Bottom Depth
Red Rock	0	12
Sand/Shale	12	70
Sand	70	80
Sand/Shale	80	196
Red Rock/Shale	196	208
Sand/Shale	208	247
Red Rock/Shale	247	262
Sand/Shale	262	344
Red Rock/Shale	344	360
Sand/Shale	360	375
Red Rock/Shale	375	384
Sand/Shale	384	459
Red Rock/Shale	459	516
Sand	516	535
Red Rock/Shale	535	543
Sand	543	615
Shale/Red Rock	615	679
Sand	679	827
Red Rock/Shale	827	840
Sand/Shale	840	870

08/03/2012

Sand/Shale/Red Rock	870	905
Sand/Shale	905	1032
Red Rock/Shole	1032	1133
Sand/Shale	1133	2074
Big Lime	2074	2108
Keener	2108	2135
Big Injun	2135	2225
Sand/Shale	2225	2296
Weir	2296	2330
Sand/Shale	2330	2560
Berea	2560	2564
Sand/Shale	2564	2782
Gordon	2782	2784
Sand/Shole	2784	3518
Warren	3518	3575
Shale	3575	3868
Speechly	3868	3876
Shale	3876	4112
Balltown	4112	4199
Shale	4199	4586
Bradford	4586	4600
Shale	4600	4809
Riley	4809	4855
Shale	4855	4884
Benson	4884	4889
Shale	4889	5058
Alexader	5058	5183
Shale	5183	5460
First Elk	5460	5564
Shale	5564	5732
Second Elk	5732	5772
Shale	5772	5924
Rhonestreet	5924	6332
Shale	6332	6406
Total Depth	6406	