

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 #: 47-085-09945

Farm name: Morthimer, Marvin W. & Lorraine B. Operator Well No.: Sherwood #2

LOCATION: Elevation: 1241' Quadrangle: Smithville 7.5'

District: Murphy County: Ritchie
Latitude: 8800 Feet South of 39 Deg. 02 Min 30 Sec.
Longitude 8060 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"	15'	15'	
Agent: P. Nathan Bowles, Jr.				
Inspector: Mr. David Cowan	11 3/4"	552.3'	552.3'	271.4
Date Permit Issued: 12/8/2011				
Date Well Work Commenced: 2/13/2012	8 5/8"	2039.9'	2039.9'	644.0
Date Well Work Completed: 4/27/2012				
Verbal Plugging:	4 1/2"	6420.4'	6420.4'	885.5
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 6413				
Total Measured Depth (ft): 6413				
Fresh Water Depth (ft.): 75				
Salt Water Depth (ft.): 1145				
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) 5136' to 6348'
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 1100 psig (surface pressure) after 72 Hours

Second producing formation Warren, Bradford, Riley, Benson Pay zone depth (ft) 3539' to 4920'
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 1100 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: Gay 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:

6238' to 6348' 1000 gals 15% HCL, 1517 bbls, 65 MSCF Nitrogen, 10,000 lbs 80/100, 50,000 lbs 20/40
 5948' to 6128' 500 gals 15% HCL, 183 bbls, 840 MSCF Nitrogen, 25,000 lbs 20/40
 5559' to 5790' 500 gals 15% HCL, 145 bbls, 895 MSCF Nitrogen, 30,000 lbs 20/40
 5136' to 5194' 500 gals 15% HCL, 700 MSCF Nitrogen
 4866' to 4920' 500 gals 15% HCL, 500 MSCF Nitrogen
 4498' to 4666' 500 gals 15% HCL, 700 MSCF Nitrogen
 3539' to 3648' 500 gals 15% HCL, 700 MSCF Nitrogen

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

Formations Encountered	Top Depth	Bottom Depth
Fill/Red Rock/Shale	0	48
Sand	48	77
Red Rock/Shale	77	100
Sand/Shale	100	134
Red Rock/Shale	134	357
Sand	357	410
Sand/Shale	410	470
Red Rock	470	500
Sand/Shale	500	570
Sand	570	620
Sand/Shale/Red Rock	620	637
Sand/Shale	637	810
Red Rock/Shale	810	850
Shale/Sand	850	940
Red Rock/Shale	940	1181
Sand/Shale	1181	1350
Sand	1350	2041
Big Lime	2041	2115
Keener	2115	2136
Big Injun	2136	2219

Sand/Shale	2219	2294
Weir	2294	2314
Sand/Shale	2314	2564
Berea	2564	2571
Sand/Shale	2571	2756
Gordon	2756	2813
Shale	2813	3521
Warren	3521	3584
Shale	3584	4060
Balltown	4060	4506
Shale	4506	4594
Bradford	4594	4608
Shale	4608	4662
Riley	4662	4870
Shale	4870	4916
Benson	4916	4920
Shale	4920	5064
Alexander	5064	5196
Shale	5196	5463
First Elk	5463	5588
Shale	5588	5748
Second Elk	5748	5796
Shale	5796	5924
Rhinestreet	5924	6354
Shale	6354	6413
Total Depth	6413	