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: 12-Aug-2010 API #: 47-085-09897

Farm name: Yoder, Noah L. & Emma	Opera	tor Well No.:	J.E. Gum#	1
LOCATION: Elevation: 1072'	Quad	rangle: Sm	ithville 7.5'	
•	Carre	nty: <u>Rit</u>	chie	
District: Murphy			30 Sec.	
Latitude: 7790 Feet South of 3			00 Sec.	
Longitude 4960 Feet West of 8	<u> </u>	<u> </u>	<u> </u>	
A Maryin & Major Oil Co				
Company: Murvin & Meier Oil Co.	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P. O. Box 396		<u> </u>		
Olney, Illinois 62450				
Agent: P. Nathan Bowles, Jr.				170.4
Inspector: Mr. David Cowan	11 3/4"	282.9'	282.9'	179.4
Date Permit Issued: 08/12/2010				560.0
Date Well Work Commenced: 11/08/2011	8 5/8"	1904'	1904'	560.0
Date Well Work Completed: 06/29/2012				607.0
Verbal Plugging:	4 ½"	6302'	6302'	897.8
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 6316				
Total Measured Depth (ft): 6316				
Fresh Water Depth (ft.): Damp at 65'			The state of the s	All Caracian
Salt Water Depth (ft.): None			Office of O	S. C. C. Connect
Is coal being mined in area (N/Y)? N			JUL	
Coal Depths (ft.): 50' to 55'	-		JUL	O Com
Visit (NAV) Donth(s) N				aroni Of
Void(s) encounter (N/Y) Depth(s) N			11/1 20 20	Mark Comment of the C
OPEN FLOW DATA (If more than two producing formation Alexander, 2 nd Elk, Rhine Gas: Initial open flow show MCF/d Oil: Init Final open flow 100 MCF/d Final of Time of open flow between initial and final Static rock Pressure 860 psig (surface pressure 100 MCF/d Final of Second producing formation Warren, Ballton Marren, Ballton 100 MCF/d Final of Second producing formation Marren, Ballton Marren, Ballton 100 MCF/d Final of Second producing formation Marren MCF/d Final of Second producing formation Marren MCF/d Final of Second producing formation MCF/d Final Of Second	estreet, L. Rhin ial open flow_ open flow _sho I tests24 essure) after	estreet_Pay zo Bbl/d ow Bbl/d Hours 72Hours	ne depth (ft <u>) 490</u>	8' to 6216'
Gas: Initial open flow show MCF/d Oil: Ini Final open flow 100 MCF/d Final Time of open flow between initial and fina Static rock Pressure 860 psig (surface pr I certify under penalty of law that I have person submitted on this document and all of the attac immediately responsible for obtaining the information.	open flow_open flow_sh l tests24_ essure) after nally examine	Bond owBbl/d Hours 72Hours d and am fam	niliar with the in	formation
complete.	MEIER OIL C			

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:

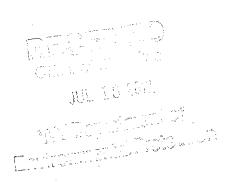
6117' to 6216':	1000 gals 15% HCL, 1580 bbls, 219 MSCF Nitrogen, 10,000# 80/100, 50,000# 20/40
5812' to 5998':	500 gals 15% HCL, 137 bbls, 668 MSCF Nitrogen, 30,000# 20/40
5606' to 5646':	500 gals 15% HCL, 141 bbls, 765 MSCF Nitrogen, 30,000# 20/40
4908' to 5032':	500 gals 15% HCL, 700 MSCF Nitrogen
4669' to 4758':	500 gals 15% HCL, 500 MSCF Nitrogen
3927' to 4442':	500 gals 15% HCL, 600 MSCF Nitrogen
3374' to 3423':	500 gals 15% HCL, 500 MSCF Nitrogen

Plug Back Details Including Plug Type and Depth(s):

None

Formations Encountered	Top Depth	Bottom Depth
Earth	0	8
Sand	8	50
Coal	50	55
Sand	55	105
Sand/Red Rock/Shale	105	240
Sand/Shale	240	250
Sand	250	510
Red Rock	510	530
Sand/Shale	530	570
Red Rock	570	580
Sand/Shale	580	794
Sand	794	822
Sand/Shale	822	851
Sand	851	888
Sand/Shale/Red Rock	888	1273
Sand	1273	1353
Sand/Shale/Red Rock	1353	1744
Third Salt Sand	1744	1775
Maxon	1775	1800
Shale	1800	1830

Little Lime	1830	1870
Shale	1870	1895
Big Lime	1895	1982
Big Injun	1982	2073
Sand/Shale	2073	2400
Berea	2400	2420
Sand/Shale	2420	2603
Gordon	2603	2671
Sand/Shale	2671	3374
Warren	3374	3413
Shale	3413	3926
Speechly	3926	4002
Shale	4002	4124
Balltown	4124	4419
Shale	4419	4432
Bradford	4432	4443
Shale	4443	4661
Riley	4661	4716
Shale	4716	4755
Benson	4755	4758
Shale	4758	4969
Alexander	4969	5032
Shale	5032	5311
First Elk	5311	5337
Shale	5337	5603
Second Elk	5603	5646
Shale	5646	5812
Rhinestreet	5812	6234
Shale	6234	6316



Total Depth 6316