

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Beall, Russell Operator Well No.: R.B. Gill #M2

LOCATION: Elevation: 1,116' Quadrangle: Smithville 7.5'

District: Murphy County: Ritchie
Latitude: 3,600 Feet South of 39 Deg. 02 Min 30 Sec.
Longitude 10,140 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"	22.2'	22.2'	
Agent: P. Nathan Bowles, Jr.				
Inspector: Mr. David Cowan	X 11 3/4"	218.5'	218.5'	177
Date Permit Issued: 5/24/2011				
Date Well Work Commenced: 06/15/2011	8 5/8 "	1997'	1997'	510
Date Well Work Completed: 07/15/2011				
Verbal Plugging:	X 4 1/2"	5246.9'	5246.9'	323.4
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 5,275'				
Fresh Water Depth (ft.): 50'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): <u>681' to 687'</u>				

RECEIVED
Office of Oil & Gas
AUG 03 2011
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation Benson, Alexander Pay zone depth (ft) 4841' to 5110'
Gas: Initial open flow odor 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 1300 psig (surface pressure) after 96 Hours

Second producing formation Bradford Pay zone depth (ft) 4528' to 4535'
Gas: Initial open flow odor 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 1300 psig (surface pressure) after 96 Hours

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: MURVIN & MEIER OIL CO.
By: Gary L. Hill Vice-Pres.
Date: August 3, 2011

7/12/2011

Ran SBL and perforated Alexander Formation from 5077' to 5110' with 14 holes. Fractured perms with a 60 Q x-link foam system using 500 gals 15% HCL, 367 total bbls of fluid, 103 MSCF nitrogen and 30,000 lbs 20/40 sand.

Perforated Benson Formation from 4841' to 4845' with 14 holes.
Fractured perms using a 60 Q x-link foam system containing 500 gals 15% HCL, 191 total bbls of fluid, 225 MSCF nitrogen, and 30,000 lbs 20/40 sand.

Perforated Bradford Formation from 4528' to 4535' with 14 holes.
Fractured perms using a straight nitrogen system containing 1,000 gals 15% HCL, 50 bbls fluid, and 500 MSCF nitrogen.

WELL LOG

Formation	<u>Top</u>	<u>Bottom</u>
Fill	0	4
Sand/Shale	4	111
Red Rock	111	119
Sand	119	130
Red Rock	130	140
Sand	140	270
Red Rock	270	291
Sand	291	330
Sand/Shale/R.R.	330	400
Sand	400	430
Sand/Shale	430	450
Red Rock	450	465
Shale	465	550
Sand	550	560
Red Rock	560	595
Shale	595	661
Sand	661	681
Coal	681	687
Sand/Shale	687	727
Sand	727	745
Sand/Shale	745	850
Sand/Shale/R.R.	850	880
Sand/Shale	880	930
Red Rock	930	940

01/20/2012

Sand/Shale	940	1005
Red Rock	1005	1035
Sand/Shale	1035	1053
Red Rock	1053	1065
Sand	1065	1145
Sand/Shale/R.R.	1145	1226
Sand	1226	1302
Sand/Shale/R.R.	1302	1472
Sand	1472	1524
Sand/Shale/R.R.	1524	1752
Sand	1752	1813
Sand/Shale/R.R.	1813	1915
Maxon	1915	1945
Sand/R.R./Shale	1945	1980
Big Lime	1980	2069
Sand/Lime	2069	2106
Big Injun	2106	2153
Shale/Sand	2153	2495
Berea	2495	2530
Sandy Shale	2530	2690
Gordon	2690	2720
Sand/Shale	2720	3440
Warren	3440	3485
Sand/Shale	3485	3995
Speechly	3995	4060
Shale	4060	4095
Balltown	4095	4135
Sand/Shale	4135	4525
Bradford	4525	4536
Shale	4536	4842
Benson	4842	4845
Shale	4845	5073
Alexander	5073	5111
Shale	5111	5275

Total Depth 5275