

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 #M3A

LOCATION: Elevation: 1,030' Quadrangle: Smithville 7.5'

District: Murphy County: Ritchie

Latitude: 4,490 Feet South of 39 Deg. 02 Min 30 Sec.

Longitude 9,200 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				
Agent: P. Nathan Bowles, Jr.				
Inspector: Mr. David Cowan	11 3/4"	254.4'	254.4'	CTS (153.4)
Date Permit Issued: 10/25/2011				
Date Well Work Commenced: 10/26/2011	8 5/8"	1908	1908	CTS (627.6)
Date Well Work Completed: 12/20/2011				
Verbal Plugging:	4 1/2"	6170	6170	592.9
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 6,173'				
Fresh Water Depth (ft.): Damp - 70'				
Damp - 969'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): <u>None</u>				

OPEN FLOW DATA

Producing formation Alexander, 2nd Elk, Rhinestreet Pay zone depth (ft) 4914' to 6120'
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 200 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 875 psig (surface pressure) after 72 Hours

Balltown,

Second producing formation Bradford, Riley, Benson Pay zone depth (ft) 4073' to 4764'
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 200 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 875 psig (surface pressure) after 72 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: Gayle Hill Vice-Pres.
Date: January 17, 2012

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11/30/2011

Ran SBL and perforated Lower Rhinestreet Formation from 5948' to 6120' with 36 holes. Stimulated interval using a slick water with Nitrogen assist system consisting of 1000 gals 15% HCL, 1433 bbls fluid, 230 MSCF nitrogen, 10,000 lbs 80/100, and 50,000 lbs 20/40 sand.

Perforated Rhinestreet Formation from 5820' to 5876' with 21 holes. Stimulated interval using a 90Q foam system consisting of 500 gals 15% HCL, 113 bbls fluid, 932 MSCF nitrogen, and 26,900 lbs 20/40 sand.

Perforated 2nd Elk Formation from 5606' to 5630' with 15 holes. Stimulated interval using a 90Q foam system consisting of 500 gals 15% HCL, 94 bbls fluid, 757 MSCF nitrogen, and 29,600 lbs 20/40 sand.

Perforated Alexander Formation from 4914' to 5030' with 28 holes. Stimulated interval using a Nitrogen system consisting of 500 gals 15% HCL and 698 MSCF nitrogen.

Perforated Riley and Benson Formations from 4702' to 4764' with 15 holes. Stimulated interval using a Nitrogen system consisting of 500 gals 15% HCL and 506 MSCF nitrogen.

Perforated Balltown and Bradford Formations from 4073' to 4464' with 25 holes. Stimulated interval using a Nitrogen system consisting of 500 gals 15% HCL and 600 MSCF nitrogen.

WELL LOG

Formation	Top	Bottom
Sand	0	5
Red Rock	5	10
Sand	10	40
Shale	40	50
Sand/Shale	50	120
Red Rock	120	125
Sand/Shale	125	167
Red Rock	167	176
Sand	176	250
Sand/Shale	250	540
Sand	540	570
Sand/Shale	570	650
Red Rock	650	670
Shale	670	725

Red Rock	725	765
Sand/Shale	765	1215
Sand/Shale/Red Rock	1215	1275
Sand	1275	1770
Maxon	1770	1805
Sand/Shale	1805	1890
Little Lime	1890	1918
Shale	1918	1927
Big Lime	1927	1985
Keener	1985	1990
Big Injun	1990	2060
Shale	2060	2155
Weir	2155	2172
Sand/Shale	2172	2429
Berea	2429	2479
Sand/Shale	2479	2607
Gordon	2607	2637
Sand/Shale	2637	3392
Warren	3392	3404
Sand/Shale	3404	3887
Speechly	3887	3917
Sand/Shale	3917	4050
Balltown	4050	4427
Shale	4427	4438
Bradford	4438	4450
Shale	4450	4614
Riley	4614	4631
Shale	4631	4699
Benson	4699	4740
Shale	4740	4913
Alexander	4913	5032
Shale	5032	5322
First Elk	5322	5339
Shale	5339	5600
Second Elk	5600	5624
Shale	5624	5785
Rhinestreet	5785	6138
Shale	6138	6173
Total Depth	6173	