

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: Romine Operator Well No.: Five (5)

LOCATION: Elevation: 1168 Quadrangle: Big Isaac

District: Greenbrier County: Doddridge
 Latitude: 8,750 Feet South of 39 Deg. 12 Min. 30 Sec.
 Longitude 5,730 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: Marshall Oil & Gas Corp.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>2209 Lake Heather Circle</u> <u>Birmingham, AL 35242</u>	<u>11-3/4</u>	<u>132</u>	<u>132</u>	<u>77 CuFt</u>
Agent: <u>Scott E. Wilson</u>	<u>8-5/8</u>	<u>1591</u>	<u>1591</u>	<u>504 CuFt</u>
Inspector: <u>Mike Underwood</u>				
Date Permit Issued:	<u>4-1/2</u>		<u>3774</u>	<u>452 CuFt</u>
Date Well Work Commenced: <u>04-24-06</u>				
Date Well Work Completed: <u>05-08-06</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>3800</u>				
Fresh Water Depth (ft.): <u>30'</u>				
Salt Water Depth (ft.): <u>NR</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>25-30'</u>				

OPEN FLOW DATA Balltown 3318-3766
Bayard 2912-2915
 Producing formation Fifth Pay zone depth (ft) 2712-2733

Gas: Initial open flow Show MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 490 MCF/d Final open flow Show Bbl/d
 Time of open flow between initial and final tests 15 Days ~~Hours~~
 Static rock Pressure 360 psig (surface pressure) after 48 Hours

Fourth 2604-2618
 Second producing formation Gordon Pay zone depth (ft) 2680-2696

Gas: Initial open flow * MCF/d Oil: Initial open flow * Bbl/d
 Final open flow * MCF/d Final open flow * Bbl/d
 Time of open flow between initial and final tests * Hours
 Static rock Pressure * psig (surface pressure) after * Hours

*All Formations Co-Mingled.

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: _____
 By: Robert Hutson
 Date: 8/8/2006

RECEIVED
 Office of Oil and Gas
 FEB 17 2016
 WV Department of
 Environmental Protection

03/04/2016

TREATMENT:

- Stage #1: Balltown (3339-3755) 13 Holes; 500 GA, 5,000# 80/100 & 35,000# 20/40 Sand & 636 Bbls. 60 Quality Foam
- Stage #2: Bayard, Fifth, Fourth & Gordon (2610-2913) 26 Holes; 1,250 GA, 50,000# 20/40 Sand & 691 Bbls. 60 Quality Foam

FORMATIONS:

KB/GL	0	-	10	
Sand/Shale	10	-	25	
Coal	25	-	30	Water @ 30'
Sand/Shale	30	-	70	
Sand	70	-	101	
Red Rock	101	-	125	
Sand/Shale	125	-	140	
Red Rock	140	-	155	
Sand/Shale	155	-	170	
Sand	170	-	200	
Sand/Shale/Red Rock	200	-	975	
Sand/Shale	975	-	1050	
Sand	1050	-	1133	
Sand/Shale	1133	-	1390	
Red Rock	1390	-	1410	
Sand/Shale	1410	-	1978	
Little Lime	1978	-	2010	
Big Lime	2010	-	2164	
Big Injun	2164	-	2172	
Sand/Shale	2172	-	2595	
Gordon	2595	-	2620	
Sand/Shale	2620	-	2670	
Fourth	2670	-	2706	
Fifth	2706	-	2750	
Sand/Shale	2750	-	2907	
Bayard	2907	-	2957	
Sand/Shale	2957	-	3361	
Speechly	3361	-	3380	
Sand/Shale	3380	-	3560	
Balltown	3560	-	3590	
Sand/Shale	3590	-	3800	
RTD	3800			

APPROVED
NAME: Jackie Thornton
DATE: 2/18/14

03/04/2016