

WR-35
Rev (5-01)

DATE: 1/12/12
API #: 47-039-06284

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

Well Operator's Report of Well Work

Farm name: John Fleming Operator Well No.: John Fleming #3

LOCATION: Elevation: 1097' Quadrangle: Pocatalico

District: Union County: Kanawha
Latitude: Feet South of 38 Deg. 27 Min. 30 Sec.
Longitude 3153 Feet West of Deg. Min. Sec.

Company: Larch Oil & Gas Corporation

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>5 Kimeric Lane Cross Lanes</u>				
Agent: <u>Jimmie Larch</u>	<u>13 3/8"</u>	<u>30'</u>	<u>30'</u>	<u>N/A</u>
Inspector: <u>Terry Urban</u>	<u>9 5/8"</u>	<u>336'</u>	<u>336'</u>	<u>170 cf</u>
Date Permit Issued:	<u>7"</u>	<u>2235'</u>	<u>2235'</u>	<u>440 cf</u>
Date Well Work Commenced: <u>3/31/11</u>	<u>4.5"</u>	<u>5081'</u>	<u>5081'</u>	<u>319 cf</u>
Date Well Work Completed: <u>4/20/11</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (feet): <u>5079' LTD</u>				
Total Measured Depth: <u>5079' LTD</u>				
Fresh Water Depth (ft.): <u>269'</u>				
Salt Water Depth (ft.): <u>1453'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>120'- 123', 212'-216'</u>				

OPEN FLOW DATA

Producing formation Marcellus Shale Pay zone depth (ft) 5010' - 5060'
Gas: Initial open flow Odor MCF/d Oil: Initial open flow Bbl/d
Final open flow Odor 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

Second producing formation Pay zone depth (ft)
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

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 COAK ENCOUNTERED BY THE WELLBORE.

Signed: Jimmie Larch
By: Jimmie Larch
Date: 1/13/12

Formation:	Top:	Bottom:
Soil/Sand/Shale	0	815
Sand/shale	815	990
Silt/Shale	990	1050
Silt/Sand/Shale	1050	1415
Salt Sands	1415	1765
Maxton Sands	1765	1830
Big Lime	1830	1950
Injun Sand	1950	2140
Shale	2140	2540
Berea Sand	2540	2550
Devonian Shale	2550	5065
Huron Section	3760	4330
Rhinstreet Section	4727	4916
Marcellus Section	5010	5065
Onandaga Lime	5065	5079

No Core Samples Taken
Cutting samples caught while drilling

On 4/20/11 MIRU Performance Wireline. Bond Log Production string and Perforate Marcellus Shale from 5010' - 5060' with 20 Shots.