

State of West Virginia  
 Division of Environmental Protection  
 Section of Oil and Gas  
 Well Operator's Report of Well Work

RECEIVED  
 Office of Oil & Gas  
 SEP 19 2011  
 WV Department of Environmental Protection

Farm Name : Natural Resource Partners Operator Well No. : 154  
 LOCATION: Elevation: 1531.97' Quadrangle: War  
 District: Big Creek County: McDowell  
 Latitude: 8068 Feet South of 37 Deg. 22 Min. 30 Sec.  
 Longitude: 6528 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: Classic Oil and Gas Resources  
 416 West Brannon Road  
 Nicholasville, KY 40356-8845

Agent: ROBERT INGRAM

Inspector: Barry Stollings  
 Permit Issued: 01-28-08  
 Well Work Commenced: 01-28-08  
 Well Work Completed: 04-09-08  
 Verbal Plugging  
 Permission granted on: N/A  
 Rotary X Cable \_\_\_\_\_ Rig  
 Total Depth (feet) 5757'  
 Fresh water depths (ft) 90', 400'  
 Salt water depths (ft) None  
 Is coal being mined in area (Y/N)? N  
 Coal Depths (ft): No Record

Casing & Tubing	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
Size			
12 3/4"	65'	65'	n/a
9 5/8"	0'	0'	n/a
7"	1060'	1060'	175 sks
4 1/2"	5625'	5625'	125sks

OPEN FLOW DATA

Producing formation Shale, Gordon, Berea Pay zone depth (ft) See Back  
 Gas: Initial open flow Show MCF/d Oil: Initial open flow 0 Bbl/d  
 Final open flow 531 MCF/d Final open flow 0 Bbl/d  
 Time of open flow between initial and final tests n/a Hours  
 Static rock Pressure 880 psig (surface pressure) after 24 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 COAL ENCOUNTERED BY THE WELLBORE.

William W. Kelly, Jr.  
 CLASSIC OIL & GAS RESOURCES, INC.

BY: William W. Kelly, Jr.  
 Date: 5-14-09

**DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.**

03-10-08: Shale 5452'-5523' (21 shots) - Variable Quality Foam Frac - 20,000# 20/40 sand, 140 bbl total fluid, 400,000 Scf N2, BDP 2500#, ATP 2350#, AIR 25 BPM, ISIP 1950#. Gordon 4398'-4408' (21 shots)- 70Q Foam Frac - 10,600# 20/40 sand, 100 bbl total fluid, 292,300 Scf N2, BDP 2100#, ATP 1900#, AIR 16 BPM, ISIP 1800#.

03-20-08: Berea 4288'-96' (17 shots) - 70Q foam frac - 18,000# 20/40 sand, 122 bbl total fluid, 284,301 Scf N2, BDP 1738#, ATP 1950#, AIR 16 BPM, ISIP 1800'. Flow back on choke to pit.

Knock out frac baffles, clean up to bottom. Final Openflow gauged 10/10 W 4"= 531 Mcf. SI. Completed.

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>OIL, GAS, WATER</u>
Pennsylvanian Sands, shales, coals	0'	988'	
Salt Sand	----	----	
Ravencliff	1752'	1816'	
Upper Maxton	----	----	
Middle Maxton	2490'	2544'	
Lower Maxton	----	----	
Big Lime	2988'	3624'	
Injun	----	----	
Weir	----	----	
Berea	4252'	4312'	
Gordon	4380'	4410'	
Devonian Shale	4312'	5757' TD	Gas at TD - Show