

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

Farm Name : Jackson Operator Well No. : 1 SEP 20 2011  
 LOCATION: Elevation: 2159.66' Quadrangle: Matheny  
 District: Oceana County: Wyoming  
 Latitude: 8,168 Feet South of 37 Deg. 40 Min. 00  
 Longitude: 7,354 Feet West of 81 Deg. 32 Min. 30 Sec.

WV Department of Environmental Protection

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

Agent: **ROBERT INGRAM**

Inspector: Barry Stollings  
 Permit Issued: 09-25-07  
 Well Work Commenced: 01-14-08  
 Well Work Completed: 05-08-08  
 Verbal Plugging  
 Permission granted on: N/A  
 Rotary X Cable \_\_\_\_\_ Rig  
 Total Depth (feet) 4350'  
 Fresh water depths (ft) None  
 Salt water depths (ft) None  
 Is coal being mined in area (Y/N)? N  
940'-42', 1368'-70'  
 Coal Depths (ft): 1410'-11'

Casing & Tubing	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
Size			
12 3/4"	20'	20'	n/a
9 5/8"	0'	0'	n/a
7"	1280'	1280'	200 sks
4 1/2"	4317'	4317'	145sks

**OPEN FLOW DATA**

Producing formation  
Gordon, Berea, Big Lime Pay  
 zone depth (ft) See Back

Gas: Initial open flow Show MCF/d Oil: Initial open flow 50 Bbl/d  
 Final open flow 474 MCF/d Final open flow 0 Bbl/d  
 Time of open flow between initial and final tests n/a Hours  
 Static rock Pressure 460 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.

CLASSIC OIL & GAS RESOURCES, INC.

BY: William W. Kelly, Jr.

Date: 7-14-09

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

04-23-08: 3 Stage frac with Superior: Gordon 4221'-31' (19 shots) - 70 Q foam frac - 25,700 # 20/40 sand, 110 bbl total fluid, 213,000 Scf N2, BDP 1498#, ATP 1247#, AIR 21 BPM, ISIP 1000#.  
Berea 4057'-67' (17 shots) - 70 Q foam frac - 20,6003 20/40 sand, 107 bbl total fluid, 228,000 Scf N2, BDP 1903#, ATP 1697#, AIR 21 BPM, ISIP 1400#. Big Lime 3234'-3272' (20 shots) - 2500 gal 15% HCl - Staged with 10 bbl TW, energized with 70,000 Scf N2, BDP 2170#, atp 2015#, AIR 11 BPM.  
 perf Ravencliff & came around backside before treatment could start. Flow back on choke to pit.

Final Openflow gauged 8/10 W 4" = 474 Mcf. SI Completed.

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>OIL, GAS, WATER</u>
Pennsylvanian Sands, shales, coals	0'	1250'	
Princeton	2010'	2032'	
Ravencliff	2068'	2127'	
Upper Maxton	---	---	
Middle Maxton	2588'	2612'	
Lower Maxton	2834'	2910'	
Little Lime	---	---	
Big Lime	3108'	3452'	
Injun	---	---	
Weir	---	---	
Berea	4056'	4066'	
Gordon	4219'	4231'	
Devonian Shale	4066'	4350' TD	Gas at TD - Show