

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 : Plum Creek Timberlands

Operator Well No. : 142

LOCATION: Elevation: 2031.31'

Quadrangle: War

District: Big Creek

County: McDowell

SEP 20 2011

Latitude: 3040 Feet South of 37 Deg. 20 Min. 00 Sec.

Longitude: 4398 Feet West of 81 Deg. 42 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: 03-01-05

Well Work Commenced: 07-27-06

Well Work Completed: 11-27-06

Verbal Plugging

Permission granted on: N/A

Rotary  Cable  Rig

Total Depth (feet) 6515'

Fresh water depths (ft) 800', 1100'

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"	21'	21'	n/a
9 5/8"	0'	0'	n/a
7"	1688'	1688'	330 sks
4 1/2"	6429'	6429'	115sks

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 800 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: W. W. Kelley, Jr.

Date: 7-20-07

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

10-12-06: Frac: Shale 6230'-40' (21 shots) - Variable Quality Foam frac - 25,934# 20/40 sand, 96 bbl total fluid, 739,400 Scf N2, BDP 1730#, ATP 2383#, AIR 20 BPM, ISIP 2132#. Shale 5641'-6077' (20 shots) - N2 Frac - 647,900 Scf N2, BDP 2602#, ATP 1397#, AIR 40,000 Scf /min, ISIP 2110#. Gordon 4986'-96' (21 shots) - 70 Quality Foam Frac - 24,682# 20/40 sand, 160 bbl total fluid, 593,100 Scf N2, BDP 2527#, ATP 2050#, AIR 21 BPM, ISIP 1789#. Berea 4870'-78' (17 shots) - 70Q foam frac - 25,626# 20/40 sand, 146 bbl total fluid, 571,600 Scf N2, BDP 2450#, ATP 1996#, AIR 18 BPM, ISIP 2271#. Flow back on choke to pit. Knock out frac baffles, clean up to bottom. Final Openflow gauged 10/10 W 4"= 531Mcf. SI. Completed.

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>OIL, GAS, WATER</u>
Pennsylvanian Sands, shales, coals	0'	1564'	
Salt Sand	----	----	
Ravenclyff	2233'	2318'	
Upper Maxton	2483'	2516'	
Middle Maxton	3050'	3086'	
Lower Maxton	3294'	3364'	
Big Lime	3654'	4228'	
Injun	----	----	
Weir	----	----	
Berea	4841'	4899'	
Gordon	4984'	5000'	
Devonian Shale	4899	6515	Gas at TD - Show