

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

Well Operator's Report of Well Work

COPY

Farm name: WASHINGTON, DONALD E.

Operator Well No.: MARY JANE CLARK 303

LOCATION: Elevation: 1,415'

Quadrangle: PINE GROVE 7.5'

District: GRANT

County: WETZEL

Latitude: 8,270 Feet south of 39 Deg 37 Min 30 Sec.

Longitude: 4,600 Feet west of 80 Deg 37 Min 30 Sec.

Company: EAST RESOURCES, INC.
P.O. BOX 5519
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: DAVID SCRANAGE

Permit Issued: 04/23/10

Well work Commenced: 06/03/10

Well work Completed: 07/21/10

Casing Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
7"	1385'	1385'	340 sks
4 1/2"	3466'	3466'	150 sks
RECEIVED Office of Oil & Gas			

Verbal plugging

permission granted on:

Rotary Cable _____ Rig _____

Total Depth (feet) 3530'

Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area (Y/N) N

Coal Depths (ft): 800'-805'

DEC 10 2012

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 3324'-3328'

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

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.

For: EAST RESOURCES, INC.

By: _____

Date: _____

Ben Walden

9/20/10

01/11/2013

Treatment :

Treated perfs (3324'-3338') w/ 250 gals 15% HCl acid,
373 bbls cross linked gel, and 25,000# 20/40 sand.

Well Log :

0	256	Sand and Shale
256	280	Sand
280	356	Shale
356	368	Sand
368	636	Shale
636	644	Sand
644	652	Shale
652	662	Sand
662	800	Shale
800	805	Coal
805	846	Shale
846	878	Sand
878	1022	Shale
1022	1072	Sand
1072	1080	Shale
1080	1152	Sand
1152	1164	Shale
1164	1196	Sand
1196	1210	Shale
1210	1246	Sand
1246	1254	Shale
1254	1406	Sand
1406	1442	Shale
1442	1454	Sand
1454	1761	Shale
1761	1785	Sand
1785	1856	Shale
1856	1886	Sand
1886	1908	Shale
1908	1948	Sand
1948	1956	Shale
1956	1974	Sand
1974	2210	Shale
2210	2236	Sand
2236	2390	Shale
2390	2418	Sand
2418	2430	Shale
2430	2442	Sand
2442	2508	Big Lime
2508	2730	Big Injun
2730	3288	Shale
3288	3313	Gordon Stray
3313	3320	Shale
3320	3341	Gordon
3341	3357	Shale
3357	3361	Sand
3361	3530	Shale
3530		TD

01/11/2013