

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

Well Operator's Report of Well Work

COPY

Well name: ABLE, PAUL

Operator Well No.: L.E. DULANEY 97

Location: Elevation: 1,300'

Quadrangle: WOLF SUMMIT 7.5'

District: GRANT

County: WETZEL

Latitude: 14,080 Feet south of 39 Deg 37 Min 30 Sec.

Longitude: 10,750 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: 01/22/10

Well work Commenced: 03/08/10

Well work Completed: 03/08/10

Perforation plugging

Perforation granted on:

Primary Cable Rig

Total Depth (feet) 3303'

Fresh water depths (ft) N/A

Alt water depths (ft) N/A

Coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	1123'	1123'	485 sks
4 1/2"	3278'	3278'	275 sks

PEN FLOW DATA * WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth (ft) 3156'-3166'

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.

RECEIVED
Office of Oil & Gas

FEB 05 2013

For: EAST RESOURCES, INC.

By:

Date:

[Signature]
9/15/10

02/08/2013

Treatment :

Treated perms. 3156'-3166' w/ 250 gals. 15% HCl acid,
313 bbls cross linked gel, and 13,300 # 20/40 sand.

Well Log :

SEE ORIGINAL WELL RECORD

Treatment :

Treated perfs 2856'-2868' w/ 250 gals. 15% HCl,
420 bbls cross linked gel, and 17,800 # 20/40 sand.

Well Log :

SEE ORIGINAL WELL RECORD