

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

COPY

Well Operator's Report of Well Work

Farm name: GLOVER, FORREST Operator Well No.: M ELDER 13-R

LOCATION: Elevation: 1,320.00 Quadrangle: CENTERPOINT 7.5'

District: MCELROY County: TYLER
Latitude: 7,950 Feet south of 39 Deg 27 Min 30 Sec.
Longitude: 8,760 Feet west of 80 Deg 40 Min 00 Sec.

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

Agent: PHILIP S. ONDRUSEK

Inspector: JOE TAYLOR

Permit Issued: 01/20/10
Well work Commenced: 04/06/10
Well work Completed: 04/08/10

Verbal plugging permission granted on:
Rotary X Cable _____ Rig _____
Total Depth (feet) 3336'

Fresh water depths (ft) N/A

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N
Coal Depths (ft): 657'-661'

Casing/ tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	575'	575'	250 sks
4 1/2"	3280'	3280'	275 sks

OPEN FLOW DATA * WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth (ft) 3184'-3210'
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 For: EAST RESOURCES, INC.

FEB 05 2013

By: _____
Date: _____

Philip Elder
5/14/10
02/08/2013

Treatment :

Treated Gordon perforations 3190'-3206' w/250 gals 15% HCL, 380 bbls cross linked gel and 25,000 # 20/40 sand

Well Log :

SEE ORIGINAL WELL RECORD