

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

COPY

Well Operator's Report of Well Work

Farm name: GLOVER, STEPHEN PAUL Operator Well No.: H. J. INGRAM 5

LOCATION: Elevation: 925' Quadrange: CENTERPOINT 7.5'

District: MCELROY County: TYLER
Latitude: 4,350 Feet south of 39 Deg 27 Min 30 Sec.
Longitude: 6,110 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: 12/30/09
Well work Commenced: 04/08/10
Well work Completed: 04/10/10

Verbal plugging permission granted on:
Rotary X Cable _____ Rig _____
Total Depth (feet) 2,940
Fresh water depths (ft) N/A

Salt water depths (ft) 1720

Is 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.
7"	355.00'	355.00'	90 sks
4 1/2"	2901.00'	2901.00'	150 sks

OPEN FLOW DATA * WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth (ft) 2794'-2809'
 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.

By: _____

Date: _____

John Helder
5/14/10

FEB 05 2013

02/08/2013

Treatment : Treated Gordon perforations 2794'-2809' w/250 gals 15% HCL, 389 bbls cross linked gel and 22,000 # 20/40 sand

Well Log : SEE ORIGINAL WELL RECORD

02/08/2013