

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

COPY

Well Operator's Report of Well Work

Farm name: GLOVER, FRED & DOTTIE Operator Well No.: MCINTYRE 15

LOCATION: Elevation: 1,311' Quadrangle: CENTERPOINT 7.5'

District: MCELROY County: TYLER
Latitude: 10,725 Feet south of 39 Deg 27 Min 30 Sec.
Longitude: 6,100 Feet west of 80 Deg 40 Min 0 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: 04/16/10

Well work Completed: 04/16/10

Verbal plugging permission granted on:

Rotary X Cable Rig

Total Depth (feet) 3,320'

Fresh water depths (ft) NA

Salt water depths (ft) NA

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

Coal Depths (ft): NA

Table with 4 columns: Casing Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft. Rows include 7" and 4 1/2" tubing sizes.

OPEN FLOW DATA \* WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth (ft) 3173'-3185', 3199'-3203'
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: 5/12/10

Signature: Ba Hled

WV Department of Environmental Protection

02/08/2013

**Treatment:**

Treated perms. 3173'-3203' w/ 250 gals. 15% HCl acid,  
393 bbls cross linked gel, and 25,000 # 20/40 sand.

**Well Log:**

SEE ORIGINAL WELL RECORD