

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

COPY

Well Operator's Report of Well Work

Farm name: LEMASTERS, DAVID W., ET AL Operator Well No.: B.A. SWIGER 7

LOCATION: Elevation: 1,168' Quadrangle: CENTERPOINT 7.5'

District: MCELROY County: TYLER
Latitude: 6,720 Feet south of 39 Deg 27 Min 30 Sec.
Longitude: 11,180 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: 12/18/09
Well work Commenced: 04/16/10
Well work Completed: 04/16/10

Verbal plugging permission granted on:
Rotary X Cable _____ Rig _____
Total Depth (feet) 3172'
Fresh water depths (ft) NA

Salt water depths (ft) NA

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.
8 5/8"	442'	442'	225 sks
4 1/2"	3101.4'	3101.4'	275 sks

OPEN FLOW DATA * WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth (ft) 3026'-3036'
 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 FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

RECEIVED
Office of Oil & Gas

FEB 05 2013

For: EAST RESOURCES, INC.

By: _____

Date: _____

Ba Nelder
5/12/10

02/08/2013

WV Department of
Environmental Protection

Treatment :

Treated perms. 3026'-3036' w/ 250 gals. 15% HCl acid,
350 bbls cross linked gel, and 22,000 # 20/40 sand.

Well Log :

SEE ORIGINAL WELL RECORD