

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

Well Operator's Report of Well Work

COPY

Farm name: DALLISON LUMBER COMPANY Operator Well No.: L.S. HOYT 109

LOCATION: Elevation: 1,314' Quadrangle: PINE GROVE 7.5'

District: CENTER County: WETZEL
Latitude: 3,050 Feet south of 39 Deg 37 Min 30 Sec.
Longitude: 4,550 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: 01/29/10

Well work Commenced: 03/10/10

Well work Completed: 03/12/10

Verbal plugging permission granted on: \_\_\_\_\_

Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_

Total Depth (feet) 3626' MD

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.
Row 1: 8 5/8", 1270', 1270', 545 sks
Row 2: 4 1/2", 3485.95', 3485.95', 275 sks

OPEN FLOW DATA \* WATERFLOOD INJECTOR

Producing formation Gordon Pay zone depth (ft) 3426'-3436'

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 INFORMATION, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Office of Oil & Gas

For: EAST RESOURCES, INC

FEB 05 2013

By: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: [Handwritten Signature]

02/08/2013

**Treatment :**

Treated perms. 3426'-3436' w/ 250 gals. 15% HCl acid,  
409 bbls cross linked gel, and 25,200 # 20/40 sand.

**Well Log :**

SEE ORIGINAL WELL RECORD

02/08/2013