

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

COPY

Well Operator's Report of Well Work

Farm name: HUFFMAN, BRIAN V. Operator Well No.: W.F. WILLIAMS 111

LOCATION: Elevation: 1.348' Quadrangle: SALEM 7.5'

District: TEN MILE County: HARRISON
Latitude: 5,625 Feet south of 39 Deg 17 Min 30 Sec.
Longitude: 25 Feet west of 80 Deg 27 Min 30 Sec.

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

Agent: PHILIP S. ONDRUSEK

Inspector: TIM BENNETT

Permit Issued: 01/13/10

Well work Commenced: 01/29/10

Well work Completed: 02/25/10

Verbal plugging permission granted on: _____

Rotary X Cable _____ Rig _____

Total Depth (feet) 3110'

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.
7"	676'	676'	165 sks
4 1/2"	3091.4'	3091.4'	150 sks
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OPEN FLOW DATA * WATERFLOOD INJECTOR NOV 04 2011

Producing formation Fifth Sand WV Department of Environmental Protection Pay zone (ft) 2949.5'-2952', 2954'-295

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.

For: EAST RESOURCES, INC.
By: [Signature]
Date: 5/12/10

Treatment :

Treated perms. 2949.5'-2959' w/ 250 gals. 15% HCl acid,
234 bbls gelled water, and 1000 # 20/40 sand.

Well Log :

SEE ORIGINAL WELL RECORD

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WV Department of
Environmental Protection

11/11/2011