

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name JOE + CHERYL LYCAN Operator Well No. ELM #1

LOCATION: Elevation: 719.97 Quadrangle WILLIAMSON

District: TUG RIVER County: _____
Latitude: 6820 Feet South of 37 Deg. 42 Min. 30 Sec.
Longitude 10, 093 Feet West of 82 Deg. 15 Min. 00 Sec

Company: GEORX INC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>37 N SUNSET</u>	<u>13 3/8</u>	<u>32</u>	<u>32</u>	<u>Biggal 20 SKS</u>
<u>WILLIAMSON WV 25661</u>	<u>9 5/8</u>	<u>332</u>	<u>332</u>	<u>130 cuft 110 SKS</u>
Agent: <u>JOE LYCAN</u>	<u>7"</u>	<u>1752</u>	<u>1752</u>	<u>368 cuft 250 SKS</u>
Inspector: <u>GARY SCITES</u>	<u>4 1/2</u>	<u>3933</u>	<u>3933</u>	<u>170 cuft 82 SKS</u>
Date Permit Issued: <u>1-9-2006</u>				
Date Well Work Commenced: <u>3-29-06</u>				
Date Well Work Completed: <u>4-1-06</u>				
Verbal Plugging: <u>NA</u>				
Date Permission granted on: <u>NA</u>				
Rotary <input checked="" type="checkbox"/> Cable _____ Rig _____				
Total Depth (feet): <u>3952 (Logger)</u>				
Fresh Water Depth (ft.): <u>80, 130, 185</u>				
Salt Water Depth (ft.): <u>1200 and 880</u>				
Is coal being mined in area (NY)? _____				
Coal Depths (ft.): <u>80, 130, 185</u>				

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OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 2618 - 3952

Gas Initial open flow 33 MCF/d Oil: Initial open flow NA Bbl/d

AFTER FRAC →
260 mcf
BEFORE FRAC
33 mcf

Final open flow 33/260 MCF/d Final open flow NA Bbl/d

AFTER FRAC
260 mcf

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 270 psig (surface pressure) after 24 Hours

Second producing formation B&L mt Pay zone depth (ft) 1948 - 1960

Gas Initial open flow 200 MCF/d Oil: Initial open flow NA Bbl/d

Final open flow 200 MCF/d Final open flow NA 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

Signed

By: Joe M. Lycan
Date: 2-15-08

0-120 Sand + shale
120-125 Coal
125-570 Sand + shale
570-790 Sand
790-845 shale
845-1475 Salt Sand
1475-1555 shale
1555-1595 Maxon Sh.
1595-~~1620~~ LIME
1620-1868 BIG LIME
1868-2397 Borden Shale
2397-2429 Coffee Shale
2429-~~2482~~ Berea Sand
~~2482~~ - 3420 Devonian Sh. (Huron mbns)
2482 - 3680 Devonian Sh.
3680-3810 Marcellus Sh.
3810 Driller } TD
3813 LOS }

FRAC'D 7-18-2011 @ 1.8 MM SCF N₂ @

100,000 CFM
BDP 3810 PSI
ISIP 1802 PSI
10 MIN SIP 1153

OPEN FLOW 72 HRS 196 Mcf/d