

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: 1-2-2012  
API #: 047-049-2172

Farm name: FAYE ROCKWELL Operator Well No.: Rockwell #6-LBJ #14

LOCATION: Elevation: 1354' Quadrangle: SHINNSTON

District: MANNINGTON County: MARION  
Latitude: 14680 Feet South of 39 Deg. 30 Min. 00 Sec.  
Longitude 10350 Feet West of 80 Deg. 20 Min. 00 Sec.

Company: LBJ ENERGY ASSOCIATES, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>PO Box 930</u> <u>BRIDGEPORT, WV 26330</u>				
Agent: <u>BRADLEY THOMAS</u>	<u>13 3/8"</u>	<u>41'</u>	<u>41'</u>	<u>-</u>
Inspector: <u>WILLIAM HENDERSHOT</u>				
Date Permit Issued: <u>6-21-2011</u>	<u>9 5/8"</u>	<u>630'</u>	<u>630'</u>	<u>CTS</u>
Date Well Work Commenced: <u>12-5-2011</u>				
Date Well Work Completed: <u>12-10-2011</u>	<u>7"</u>	<u>1726'</u>	<u>1726'</u>	<u>240SKS</u>
Verbal Plugging:				
Date Permission granted on:	<u>4 1/2"</u>	<u>3937'</u>	<u>3937'</u>	<u>208SKS</u>
Rotary <input checked="" type="checkbox"/> Cable Rig				
Total Vertical Depth (ft): <u>4000' DTD</u>				
Total Measured Depth (ft): <u>4007' LTD</u>				
Fresh Water Depth (ft.): <u>110', 400'</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>165'-170', 563'-570'</u>				
Void(s) encountered (N/Y) Depth(s) <u>No</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation BLTWN, GORDON, 50' Pay zone depth (ft) 2502-3869  
Gas: Initial open flow SHOW MCF/d Oil: Initial open flow - Bbl/d  
Final open flow 173 MCF/d Final open flow - Bbl/d  
Time of open flow between initial and final tests 24 Hours  
Static rock Pressure 180 psig (surface pressure) after 12 Hours

Second producing formation SQUAW, INJUN Pay zone depth (ft) 2021-2062  
Gas: Initial open flow SHOW MCF/d Oil: Initial open flow - Bbl/d  
Final open flow COMMINGLED MCF/d Final open flow - Bbl/d  
Time of open flow between initial and final tests 24 Hours  
Static rock Pressure 180 psig (surface pressure) after 12 Hours

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WV Department of  
Environmental Protection

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Bradley W. Thomas  
Signature

1-2-2012  
Date

Were core samples taken? Yes \_\_\_\_\_ No X

Were cuttings caught during drilling? Yes X No \_\_\_\_\_

Were Y Electrical, Y Mechanical, N or Geophysical logs recorded on this well?  
 Y/N                      Y/N                      Y/N

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

STAGE 1 (3777-3869) 17holes, 500gal HCL, 210SKS SAND, 300BBL X-LINK GELLED FLUID W/N<sub>2</sub> ASSIST  
 STAGE 2 (2787-2816) 15holes, 750gal HCL, 125SKS SAND, 330BBL X-LINK GELLED FLUID W/N<sub>2</sub> ASSIST  
 STAGE 3 (2600-2735) 16holes, 625gal HCL, 75SKS SAND, 250BBL X-LINK GELLED FLUID W/N<sub>2</sub> ASSIST  
 STAGE 4 (2502-2522) 16holes, 625gal HCL, 150SKS SAND, 350BBL X-LINK GELLED FLUID W/N<sub>2</sub> ASSIST  
 STAGE 5 (2021-2060) 20holes, 750gal HCL, 300SKS SAND, 318BBL X-LINK GELLED FLUID W/N<sub>2</sub> ASSIST

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth \_\_\_\_\_  
 Surface: \_\_\_\_\_

Formations Encountered	Top Depth	Bottom Depth
SAND & SHALE	MEDIUM SURFACE	165' DAMP @ 110'
COAL	SOFT 165'	170'
SAND & SHALE	MEDIUM 170'	563' 1/2" H <sub>2</sub> O @ 400'
COAL	SOFT 563'	570'
SAND & SHALE	MEDIUM 570'	1160'
SHALE	SOFT 1160'	1280'
SAND	HARD 1280'	1650'
SHALE	SOFT 1650'	1860'
LIME & SAND	HARD 1860'	2080'
SHALE & SAND	SOFT 2080'	2490'
SAND & SHALE	HARD 2490'	2850' GAS SHOW @ 2800'
SHALE	SOFT 2850'	3750' GAS SHOW @ 3850'
SHALE & SAND	SOFT 3750'	4000' DTD