

JK

WR-15
Rev (X-10)

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

DATE: 4-5-2011
API #: 047-049-2134

Farm name: FAVE C. ROCKWELL #3 Operator Well No.: LBJ # 11

LOCATION: Elevation: 1026.61' Quadrangle: WALLACE

District: MANNINGTON County: MARION
Latitude: 1 2715 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude 1375 Feet West-of 80 Deg. 22 Min. 30 Sec.

Company: LBJ ENERGY ASSOCIATES, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>PO BOX 820</u>				
<u>BRIDGEPORT, WV 26330</u>	<u>13 3/8"</u>	<u>38'</u>	<u>38'</u>	<u>—</u>
Agent: <u>BRADLEY W. THOMAS</u>				
Inspector: <u>TRISTAIN JENKINS</u>	<u>9 5/8"</u>	<u>321'</u>	<u>321'</u>	<u>150 SKS</u>
Date Permit Issued: <u>2-4-2011</u>				
Date Well Work Commenced: <u>3-4-2011</u>	<u>7"</u>	<u>1432'</u>	<u>1432'</u>	<u>216 SKS</u>
Date Well Work Completed: <u>3-8-2011</u>				
Verbal Plugging:	<u>4 1/2"</u>	<u>3651'</u>	<u>3651'</u>	<u>190 SKS</u>
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable Rig				
Total Vertical Depth (ft): <u>3750 BTD</u>				
Total Measured Depth (ft): <u>3779 LTD</u>				
Fresh Water Depth (ft.): <u>48, 1151</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depth (ft.): <u>271-280, 658-661, 744-746</u>				
Void(s) encountered (N/Y) Depth(s)				

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

Producing formation B/TWN, GORDON, FLETCHER Pay zone depth (ft) 2200-2580

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 298 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests 24 Hours

Static rock Pressure 170 psig (surface pressure) after 48 Hours

Second producing formation SQUAW, TAYLOR Pay zone depth (ft) 1714-1780

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow COMMERCIAL MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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

4-5-2011
Date

49-02134

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Y Electrical, _____ Mechanical, _____ 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 I BALLTOWN 200SKS SAND, 500gal HCL 15%, 227BBL X-LINK GEL, N₂ ASSIST, (3560-80) 15h
 STAGE II GORDON-5th 125SKS SAND, 500gal HCL 15%, 215BBL X-LINK GEL, N₂ ASSIST, (2486-2661) 14h
 STAGE III GORDON STR. 100SKS SAND, 500gal HCL 15%, 230BBL X-LINK GEL, N₂ ASSIST, (2301-2456) 15h
 STAGE IV FIFTY FOOT 150SKS SAND, 500gal HCL 15%, 230BBL X-LINK GEL, N₂ ASSIST, (2158-2219) 19h
 STAGE V SQUAW 175SKS SAND, 500gal HCL 15%, 200BBL X-LINK GEL, N₂ ASSIST, (1767-75) 20h
 STAGE VI INJUN 175SKS SAND, 500gal HCL 15%, 190BBL X-LINK GEL, N₂ ASSIST, (1720-40) 18h

Formations Encountered:

Top Depth

Bottom Depth

Surface:

Formations Encountered:	Top Depth	Bottom Depth
FILL	0	7
SAND & SHALE	7	271 DAMP C45
COAL	271	280
SAND & SHALE	280	658
COAL	658	661
SHALE & SAND	661	744
COAL	744	746
SAND & SHALE	746	960
SAND	960	1360 DAMP C1151
SHALE	1360	1530
LIMESTONE	1530	1650
SAND	1650	1770 GAS C 1790
SHALE	1770	2200
SAND & SHALE	2200	2530 GAS C 2500
SHALE	2530	3750 DTD