

WV-35
Rev (8/10)

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

DATE: 4/20/2011
API #: 047-049-2135
49-02135

Field name FAYE ROCKWELL Operator Well No. Rockwell #4-LB1 #12

LOCATION, Elevation: 1237' Quadrangle: SHINKSTON

District: MANAINGTON County: MANARD
Latitude: 840 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude: 11300 Feet West of 80 Deg. 20 Min. 00 Sec.

Company: LB1 ENERGY ASSOCIATES, LLC

Address	Casing & Tubing	Used in drilling	Left in well	Cement fill up (Cu Ft)
<u>PO Box 980</u>				
<u>REIDGEBART, WV 26330</u>				
Agent <u>BRADLEY THOMAS</u>	<u>13 3/8"</u>	<u>40'</u>	<u>40'</u>	<u>—</u>
Inspector: <u>WILLIAM HENDERSON</u>				
Date Permit Issued	<u>9 5/8"</u>	<u>480'</u>	<u>480'</u>	<u>CTS</u>
Date Well Work Commenced <u>3/16/2011</u>				
Date Well Work Completed <u>3/20/2011</u>	<u>7"</u>	<u>1628'</u>	<u>1628'</u>	<u>240 sks</u>
Verbal Plugging				
Date Permission granted on:	<u>4 1/2"</u>	<u>3848'</u>	<u>3848'</u>	<u>205 sks</u>
Rummy <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>3880 DTD</u>				
Total Measured Depth (ft): <u>3857 LTD</u>				
Fresh Water Depth (ft): <u>51, 450</u>				
Salt Water Depth (ft): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft): <u>59-62, 445-451, 1271-1274</u>				
Voids 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 BELTWN, GORDON, 50' Pay zone depth (ft) (2868-3742)

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow — Bbl/d

Final open flow 319 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, TULLY Pay zone depth (ft) (1885-1940)

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow — Bbl/d

Final open flow Completions 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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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 Thomas
Signature

4-20-2011
Date

49-02135

Were core samples taken? Yes No Were cuttings caught during drilling? Yes No

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

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 (3717-3738) 12 holes, 500 gal HCL, 100 SKS SAND, 150 BBL X-LINK GELLED FLUID W/ N₂ ASSIST
- STAGE 2 (2407-2418) 6 holes, 500 gal HCL, 100 SKS SAND, 210 BBL X-LINK GELLED FLUID W/ N₂ ASSIST
- STAGE 3 (2412-2434) 16 holes, 500 gal HCL, 100 SKS SAND, 210 BBL X-LINK GELLED FLUID W/ N₂ ASSIST
- STAGE 4 (2442-2460) 18 holes, 750 gal HCL, 100 SKS SAND, 280 BBL X-LINK GELLED FLUID W/ N₂ ASSIST
- STAGE 5 (2360-2388) 16 holes, 500 gal HCL, 175 SKS SAND, 200 BBL X-LINK GELLED FLUID W/ N₂ ASSIST
- STAGE 6 (1800-1823) 18 holes, 500 gal HCL, 200 SKS SAND, 210 BBL X-LINK GELLED FLUID W/ N₂ ASSIST

Formations Encountered: _____ Top Depth _____ Bottom Depth _____

Formation	Texture	Top Depth	Bottom Depth
SAND & SHALE	SOFT	SURFACE	4'
SHALE	SOFT	4'	15'
SAND & SHALE	MEDIUM	15'	59'
COAL	SOFT	59'	62'
SAND & SHALE	MEDIUM	62'	445'
COAL	SOFT	445'	451' SOLID COAL PITTSBURGH
SAND & SHALE	MEDIUM	451'	1605'
SAND	HARD	1605'	1621'
SHALE	SOFT	1621'	1700'
LIME & SAND	HARD	1700'	1920'
SHALE	SOFT	1920'	2250'
SAND & SHALE	HARD	2250'	2720' GAS SHOW @ 2320'
SHALE & SAND	SOFT	2720'	3880' DTD