

WR-35
Rev (9-11)

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

DATE: 9-18-13
API #: 47-950-2051

Farm name: Jay-Bee Oil & Gas, Inc. Operator Well No.: Ketel W701-4

LOCATION: Elevation: 805' Quadrangle: Center Point 7.5'

District: McElroy County: Tyler
Latitude: 3.590' Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude 7.190' Feet West of 80 Deg. 42 Min. 30 Sec.

Company: Jay-Bee Oil & Gas, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
3570 Shields Hill Rd. Cairo, WV 26337				
Agent: <u>Randy Broda</u>	16"	30'	30'	CTS
Inspector: <u>Joe Taylor</u>				
Date Permit Issued: <u>7/5/2012</u>	11 3/4"	310'	310'	CTS
Date Well Work Commenced: <u>11/12/2012</u>				
Date Well Work Completed: <u>7/5/2013</u>	8 5/8"	2698'	2698'	CTS
Verbal Plugging:				
Date Permission granted on:	5 1/2"	11849'	11849'	CTS
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>6,740'</u>				
Total Measured Depth (ft): <u>11,717'</u>				
Fresh Water Depth (ft.): <u>75'</u>				
Salt Water Depth (ft.): <u>n/a</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>255'</u>				
Void(s) encountered (N/Y) Depth(s) <u>n/a</u>				

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

Producing formation Marcellus Pay zone depth (ft) See Attached

Gas: Initial open flow 6 MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 5.5 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 3100 psig (surface pressure) after 36 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

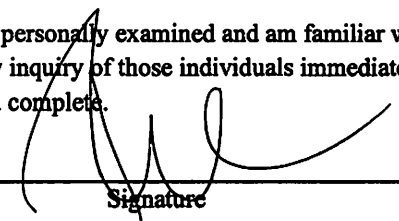
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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Office of Oil and Gas
WV Dept. 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.


Signature

9-18-13
Date

11/01/2013

95-02051

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Mud logs

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:

Perforations: 7, 278' - 11,628' MD (1176 holes)

Frac'd with 30,500 gals 15% acid iron check, 113,870 bbls of water,

6,068 sks 80/100 sand, 14,386 sks 30/50 sand, 6,571 20/40 sand for a total of 27,025 sks of sand.

Plug Back Details Including Plug Type and Depth(s):

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
<u>Surface:</u>			

See Attached.

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JAY BEE OIL & GAS INC.		
	W701-4	
	PERMIT #	47-950-2051
	ELEVATION	805
FORMATION	TOP	BOTTOM
MISC. RED ROCK & SHALES	0	1798
LIME	1798	1898
INJUN	1898	2015
SHALE	2015	2362
GORDON STRAY	2362	2382
SHALE	2382	2578
GORDON	2578	2608
SHALE	2608	2887
BAYARD	2887	2896
SHALE	2896	3225
WARREN	3225	3323
SHALE	3323	3559
BALLTOWN	3559	3722
SHALE	3722	4160
2ND RILEY	4160	4268
SHALE	4268	4419
3RD RILEY	4419	4460
SHALE	4460	4517
BENSON	4517	4520
SHALE	4520	4762
ALEXANDER	4762	4933
SHALE	4933	5178
ELK	5178	5226
SHALE	5226	5922
HAMILTON	5922	6096
SHALE	5916	6620
UPPER Marcellus	6620	6652
PARCELL LIME	6652	6687
SHALE	6687	6711
MARCELLUS	6711	

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