

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 #: 47-170-5970

Farm name: Carrie Jane Moore Operator Well No.: Schulburg 1HF

LOCATION: Elevation: 878' Quadrangle: Center Point 7.5'

District: McClellan County: Doddridge  
Latitude: 10.000 Feet South of 39 Deg. 27 Min. 30 Sec.  
Longitude 5.010 Feet West of 80 Deg. 37 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>Doug Newlon</u>				
Date Permit Issued: <u>8/9/2010</u>	11 3/4"	209'	209'	CTS
Date Well Work Commenced: <u>5/2/2011</u>				
Date Well Work Completed: <u>9/26/2011</u>	8 5/8"	2186'	2186'	CTS
Verbal Plugging:				
Date Permission granted on:	5 1/2"	12030'	12030'	CTS
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7,005'</u>				
Total Measured Depth (ft): <u>12,089'</u>				
Fresh Water Depth (ft.): <u>16'</u>				
Salt Water Depth (ft.): <u>1058'</u>				
Is coal being mined in area (N/Y)? <u>660'-663'</u>				
Coal Depths (ft.): <u>N/A</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</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 5m MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 4.5m MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure 3250 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

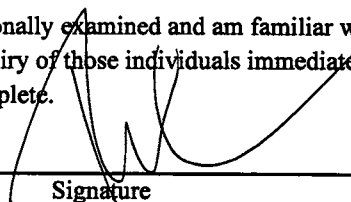
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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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

05/02/2014

17-05970

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: 7,210' - 11,990' MD (1032 holes)

Frac'd with 45,000 gals 15% acid iron check, 124,527 bbls of water,

11,087 sks 80/100 sand, 11,225 sks 30/50 sand, 2,404 20/40 sand for a total of 24,716 sks of sand.

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

Formations Encountered:	Top Depth	Bottom Depth
Surface:		

See Attached.

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05/02/2014

JAY BEE OIL & GAS INC.	<b>Schulberg 1HF</b>	
	PERMIT #	47-170-5970
	ELEVATION	878
<b>FORMATION</b>	<b>TVD TOP</b>	<b>TVD BOTTOM</b>
SHALE	6353	6836
UPPER Marcellus	6836	6852
PARCELL LME	6852	6887
SHALE	6887	6932
MARCELLUS	6932	

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