

WR-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: 8/10/11  
API #: 47-103-02501

Farm name: Starkey Ormond & Norma Operator Well No.: Broome 4R

LOCATION: Elevation: 1439 Quadrangle: Folsom 7.5'

District: Grant County: Wetzel  
Latitude: 4490 Feet South of 39 Deg. 27 Min. 30 Sec.  
Longitude 7170 Feet West of 80 Deg. 35 Min. 00 Sec.

Company:

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<b>JAY-BEE OIL &amp; GAS INC.</b> <b>ROUTE 1 BOX 5</b> <b>CAIRO, WV 26337</b>				
Agent: <b>Randy Broda</b>				
Inspector: <b>Dave Scranage</b>	<b>9 5/8</b>	<b>547</b>	<b>547</b>	<b>CTS</b>
Date Permit Issued: <b>7/27/2009</b>				
Date Well Work Commenced: <b>9/13/2009</b>	<b>7</b>	<b>2758</b>	<b>2758</b>	<b>cts</b>
Date Well Work Completed: <b>9/23/2009</b>				
Verbal Plugging:	<b>4 1/2</b>	<b>7618</b>	<b>7618</b>	<b>65 sks</b>
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): <b>7624</b>				
Total Measured Depth (ft): <b>7624</b>				
Fresh Water Depth (ft.): <b>200-2" stream</b>				
Salt Water Depth (ft.): <b>n/a</b>				
Is coal being mined in area (N/Y)? <b>n/a</b>				
Coal Depths (ft.): <b>900</b>				
Void(s) encountered (N/Y) Depth(s) <b>n/a</b>				

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

Producing formation Marcellus Pay zone depth (ft) 7556-7606

Gas: Initial open flow 800 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 500 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 96 Hours

Static rock Pressure 2400 psig (surface pressure) after 72 Hours

Second producing formation n/a Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

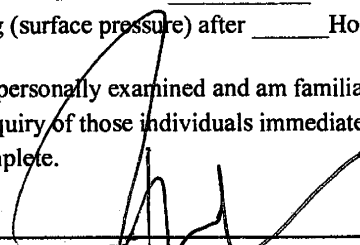
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d

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

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

RECEIVED  
Office of Oil & Gas  
AUG 22 2011  
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.

  
\_\_\_\_\_  
Signature

8/10/11  
\_\_\_\_\_  
Date

09/23/2011




# WELL RECORD

Broome 4R  
PERMIT # 47-103-02501  
elevation 1439

## DETAILS OF PERFORATED INTERVALS:

7604-7430 6244 sks sand  
13230 bbl water  
Slick water frac

<u>FORMATION</u>	<u>COLOR</u>	<u>HARD/SOFT</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>OIL,GAS,WATER</u>	<u>DEPTH</u>	<u>REMARKS</u>
MISC. RED ROCK & SHALES			0	2455		535	9 5/8
LIME			2455	2605		2758	7
INJUN			2605	2748			
SHALE			2748	3246			
GORDON STRAY			3246	3472			
SHALE			3472	3314			
GORDON			3314	3326			
SHALE			3326	3565			
BAYARD			3565	3569			
SHALE			3569	3902			
WARREN			3902	3946			
SHALE			3946	3966			
BALLTOWN			3966	4155			
SHALE			4155	4729			
2ND RILEY			4729	4833			
SHALE			4833	4842			
3RD RILEY			4842	4857			
SHALE			4857	5101			
BENSON			5101	5104			
SHALE			5104	5521			
ALEXANDER			5521	5567			
SHALE			5567	5618			
ELK			5618	5656			
SHALE			5656	6503			
HAMILTON			6503	7133			
SHALE			7133	7428			
UPPER Marcellus			7428	7455			
PARCELL LME			7455	7484			
SHALE			7484	7556			
LOWER MARCELLUS			7556	7584			
CHERRY VALLEY			7584	7589			
LOWER LOWER MARCELLUS			7589	7606			
LIME			7606	7624 TD		7618	4 1/2

SIGNED:   
JAY-BEE PRODUCTION CO.  
BY IT'S: PRESIDENT  
DATE: 11/1/2009

09/23/2011