

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: 12/15/2011
API #: 47-033-05521

Farm name: Goodwin Operator Well No.: Unit 2-1

RECEIVED

LOCATION: Elevation: 1384 Quadrangle: Salem 7.5

DEC 21 2011

District: Sardis County: Harrison
Latitude: N39.37000 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude W80.52242 Feet West of _____ Deg. _____ Min. _____ Sec.

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Company: PetroEdge Energy LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>2925 Briarpark Drive, Suite 150</u> <u>Houston, TX 77042</u>	<u>20"</u>	<u>20'</u>	<u>20'</u>	<u>Sanded In</u>
Agent: <u>Dan Mullins</u>	<u>13 3/8"</u>	<u>540'</u>	<u>530'</u>	<u>Cement to Surface</u>
Inspector: <u>Tristen Jenkins</u>	<u>9 5/8"</u>	<u>2750'</u>	<u>2700'</u>	<u>Cement to Surface</u>
Date Permit Issued: <u>05/04/2011</u>	<u>5 1/2"</u>	<u>14445.99'</u>	<u>14425'</u>	<u>Cement to Surface</u>
Date Well Work Commenced: <u>05/23/2011</u>	<u>2 3/8"</u>	<u>N/A</u>	<u>7762.64'</u>	<u>Production Tubing</u>
Date Well Work Completed: <u>11/01/2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>7648</u>				
Total Measured Depth (ft): <u>14411</u>				
Fresh Water Depth (ft.): <u>45</u>				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>803</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 Shale Pay zone depth (ft) 7648
Gas: Initial open flow 20000 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 20000 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 3880 psig (surface pressure) after 24 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

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.

Dan Mullins
Signature

12/19/11
Date

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes No _____

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

Drill cuttings were cut, analyzed, and disposed of with the rest of the drill cuttings.

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:

Perforated Marcellus Shale: 8123' 14404'

21 Stage Stimulation

882,000 lbs 100 mesh sand - 6,835,500 lbs 40/70 mesh sand

176,403 bbls water

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
Big Lime	2442.7	2547.7
Big Injun	2547.7	2590
Java	5554	5598
Lower Alexander	5837	5878
Rhonestreet	6999	7004
Middlesex	7296	7381
West River	7565.9	7596
Genesee	7681.6	7728.3
Tully	7728.3	7797.7
Hamilton	7797.7	8065.7
Marcellus	8065.7	Not Recorded