

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: 3/14/13
API #: 47-001-03257

Farm name: Bumgardner

Operator Well No.: Bumgardner 5-2H

RECEIVED
Office of Oil and Gas

LOCATION: Elevation: 1240

Quadrangle: Century 7.

MAR 20 2013

District: Union County: Barbour
Latitude: 1300 Feet South of 39 Deg. 07 Min. 17.4 Sec.
Longitude 650 Feet West of 80 Deg. 12 Min. 39.5 Sec.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Company: PetroEdge Energy LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>4477 Williamstown Pike</u> <u>Williamstown, WV 26187</u>				
Agent: <u>Dan Mullins</u>	<u>20"</u>	<u>30'</u>	<u>30'</u>	<u>Sand In</u>
Inspector: <u>Joe McCourt</u>	<u>13 3/8"</u>	<u>464'</u>	<u>436'</u>	<u>Cement to surface</u>
Date Permit Issued: <u>9/27/11</u>	<u>9 5/8"</u>	<u>2560'</u>	<u>2532'</u>	<u>Cement to surface</u>
Date Well Work Commenced: <u>12/10/11</u>	<u>5 1/2"</u>	<u>14250'</u>	<u>14195'</u>	<u>Cement to surface</u>
Date Well Work Completed: <u>3/8/12</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>7633</u>				
Total Measured Depth (ft): <u>14203</u>				
Fresh Water Depth (ft.): <u>205</u>				
Salt Water Depth (ft.): <u>2004</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>320,425,586</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 _____ 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

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

3/14/13
Date

06/07/2013

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 Log, GR, CBL
Drill cuttings were collected, 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:

Well has not been fractured - waiting on pipeline - transferring to Statoil USA Onshore Properties Inc.

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

Formations Encountered: _____ Top Depth / _____ Bottom Depth
Surface:

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
Coal	320	322
Coal	425	429
Coal	586	589
Benson	4885	4950
Rhinestreet	6132	7040
Middlesex	7040	7284
West River	7284	7506
Genessee	7506	7535
Tully	7535	7589
Hamilton	7589	7854
Marcellus	7854	