

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: 9/6/13  
API #: 47-033-05642

Farm name: Coastal Forest Resources Operator Well No.: Goodwin 3-1 H

LOCATION: Elevation: 1096 Quadrangle: Salem

District: Sardis County: Harrison  
Latitude: 8766 Feet South of 39 Deg. 22 Min. 30 Sec.  
Longitude 1840 Feet West of 80 Deg. 30 Min. 00 Sec.

Company: Petroedge Energy LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
4477 Williamstown Pike Williamstown, WV 26187	20"	127	120	Surface
Agent: <u>Dan Mullins</u>	13 3/8"	382	354	Surface
Inspector: <u>Sam Ward</u>	9 5/8"	2344	2336	Surface
Date Permit Issued: <u>10/22/12</u>	5 1/2"	13948	13946	5850 ft
Date Well Work Commenced: <u>3/1/13</u>	2 3/8"		6938	Production Tubing
Date Well Work Completed: <u>8/5/13</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>7388.08</u>				
Total Measured Depth (ft): <u>13948</u>				
Fresh Water Depth (ft.): <u>45</u>				
Salt Water Depth (ft.): <u>1630</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>535</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

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

Producing formation Marcellus Pay zone depth (ft) 7388.08  
Gas: Initial open flow 4,671 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 7,019 MCF/d Final open flow 24 Bbl/d  
Time of open flow between initial and final tests 31 Hours  
Static rock Pressure 4050 psig (surface pressure) after 48 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

9/6/13

Date

10/04/2013

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 and Gamma Ray  
Drill cuttings were analyzed then disposed of with the rest of the 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:

See Attached Sheet

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
Fresh Water	45	46
Coal	535	537
Salt Water	1630	1634
Benson	5211	6880
Middlesex	6880	7256
Genesee	7256	7312
Tully Limestone	7312	7383
Hamilton	7383	7509
Lower Hamilton	7509	7661
Marcellus	7661	Not recorded

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Office of Environmental Protection

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WV Department of Environmental Protection

10/04/2013

API#: 47-033-05642

Goodwin 3-1H Completion Summary

Stage #	Top of 2ft Perf Intervals (ft)	Shots per Foot	Water Vol	100 mesh Vol	40/70 mesh Vol	30/50 mesh Vol	Total Sand lbs
1	13841, 13782, 13721, 13662, 13602	6	7,809	0	347,300	31,500	378,800
2	13300, 13360, 13420, 13480, 13540	6	8,375	10,200	247,100	105,700	369,000
3	13002, 13062, 13122, 13180, 13242	6	8,242	10,000	289,800	98,200	398,000
4	12942, 12882, 12822, 12762, 12702	6	7,957	12,600	289,900	95,300	397,800
5	12642, 12582, 12522, 12462, 12400	6	7,960	9,534	151,242	214,326	375,102
6	12342, 12280, 12222, 12162, 12102	6	8,028	9,800	298,300	99,200	407,300
7	12042, 11982, 11922, 11862, 11802	6	7,912	12,600	304,300	94,500	411,400
8	11742, 11682, 11622, 11562, 11502	6	8,154	13,200	297,700	91,400	402,300
9	11442, 11382, 11322, 11264, 11202	6	7,517	9,400	305,000	0	314,400
10	11142, 11082, 11022, 10,962, 10902	6	7,951	9,800	283,500	87,600	380,900
11	10842, 10782, 10722, 10662, 10602	6	7,797	9,400	299,700	91,900	401,000
12	10542, 10482, 10422, 10364, 10302	6	7,930	10,100	299,200	90,200	399,500
13	10242, 10182, 10122, 10062, 10002	6	7,809	9,800	297,500	93,700	391,000
14	9942, 9882, 9822, 9762, 9702	6	7,454	10,500	301,600	10,500	322,600
15	9642, 9582, 9522, 9460, 9402	6	7,328	9,900	297,900	92,100	399,900
16	9342, 9282, 9222, 9162, 9102	6	7,190	11,600	300,700	91,300	403,600
17	9042, 8982, 8922, 8862, 8802	6	7,169	8,400	299,500	91,000	398,000
18	8742, 8682, 8622, 8562, 8502	6	7,250	10,500	300,100	92,500	393,100
19	8442, 8382, 8322, 8262, 8202	6	7,101	11,000	300,300	93,000	394,300
20	8142, 8082, 8022, 7962	6	6,229	6,500	246,300	75,700	328,500
21	7902, 7842, 7782, 7722	6	6,874	4,500	243,800	74,900	323,200
<b>Totals:</b>			<b>160,138</b>	<b>199,334</b>	<b>6,001,342</b>	<b>1,814,526</b>	<b>8,015,202</b>

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: 7/16/2012  
API #: 47-051-0313 JP

Farm name: PPG Industries, Inc. Operator Well No.: #9 Brine Well

LOCATION: Elevation: 687.6 Quadrangle: New Martinsville, WV

District: Franklin County: Marshall  
Latitude: 1000' 700' Feet South of 39 Deg. 45 Min. 0 Sec.  
Longitude 1000' Feet West of 80 Deg. 50 Min. 0 Sec.

Company: PPG Industries, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
N. St. Rt. 2, New Martinsville, WV 26155	16"		60'	
Agent: J. Thomas Horan	13 3/8" H-40		441'	
Inspector: Dereck M. Haught	10 3/4" H-40		1528'	530 Sacks
Date Permit Issued: 6/8/2012	8 5/8" J-55		6804'	400 Sacks
Date Well Work Commenced: 6/8/2012	5 1/2" J-55		6264'	Packer
Date Well Work Completed: 6/15/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 6824'				
Total Measured Depth (ft): 6824'				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.): 6714' - 6824' (solid)				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

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WV Department of Environmental Protection

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

Producing formation N/A Pay zone depth (ft) N/A  
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow N/A MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests N/A Hours  
Static rock Pressure N/A psig (surface pressure) after N/A Hours

Second producing formation N/A Pay zone depth (ft) N/A  
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow N/A MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests N/A Hours  
Static rock Pressure N/A psig (surface pressure) after N/A 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.

J. Thomas Horan  
Signature  
7/16/12  
Date

10/04/2013



WR-35  
Rev (5-01)

DATE :August 23, 2010  
API # 47-10302468

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

*Under OGCC  
Consent Order  
2011-17*

Farm name: West Virginia Conservation Commission Operator Well No.: WVCC 5

LOCATION: Elevation: 1011' Quadrangle: Pine Grove

District: Grant County: Wetzel  
Latitude: 39.51556 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude 80.63644 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Quest Eastern Resource

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 101 West Main St				
Harrisville, WV 26362				
Agent: Gary Laswell				
Inspector: David Scranage				
Date Permit Issued: 5/27/2009				
Date Well Work Commenced: 6/1/2009				
Date Well Work Completed: 12/30/2009				
Verbal Plugging:	16"	36'	36'	Surface
Date Permission granted on:	11 3/4"	508'	508'	Surface 241 cu ft
Rotary Cable Rig	8.625 "	2333'	2333'	Surface 600 cu ft
Total Depth (feet): 7207', 7136' PBSD	5 1/2"		7136'	3100' 780 cu ft
Fresh Water Depth (ft.): 250'				
Salt Water Depth (ft.): 620'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1000'-1200'				

OPEN FLOW DATA

Producing formation Marcellus Shale Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow 300 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 1000 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 1200 psig (surface pressure) after 72 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

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NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: *Gary Laswell*  
By: Gary Laswell  
Date: 10/1/2013

10/04/2013

WR-35  
 Rev (5-01)  
 State of West Virginia

103-02468  
 DATE: August 23, 2010  
 API # 47-10302468

Department of Environmental Protection  
 Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: West Virginia Conservation Commission Operator Well No.: WVCC 5

LOCATION: Elevation: 1011' Quadrangle: Pine Grove

District: Grant County: Wetzel

Latitude: 39.51556 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Longitude 80.63664 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Perforations: 7088-91, 7105-08, 7113-16 (6spf)

12,815 Bbls water and 524,700 #'s sand

Formation	RKB TVD	Remarks
Red Beds	500-2072'	Shale
Big Injun	2122-2278'	Sandstone
Mississippian	2278-2412'	Silty shale
Sunbury	2412-2638'	Shale
Berea	2638-2647'	Sandstone
Gordon	2824-2884'	Silty shale
Riley	5122-5158'	Black Silty Shale
Rhinestreet	6127-6245'	Black Shale
Hamilton	6408-6560'	Grey Shale
Middlesex	6684-6804'	Shale
West River	6836-6954'	Silty Shale
Genessee	6954-6964'	Black Shale
Tully	6990-7056'	Limestone
Marcellus	7084-7144'	Black Shale
Onondaga	7144-7207'	Limestone

Received

OCT 1 2013

Office of Oil and Gas  
 WV Dept. of Environmental Protection

10/04/2013

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

*Under OGCC  
Consent Order  
2011-17*

Farm name: West Virginia Conservation Commission\_ Operator Well No.: WVCC 6

LOCATION: Elevation: 775' Quadrangle: Pine Grove

District: Grant County: Wetzel  
Latitude: 39.51650 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: 80.64089 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Quest Eastern Resource

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 101 West Main St				
Harrisville, WV 26362				
Agent: Gary Laswell				
Inspector: David Scranage				
Date Permit Issued: 3/2/2010				
Date Well Work Commenced: 3/29/2010				
Date Well Work Completed: 6/8/2010				
Verbal Plugging:	16"	40'	40'	Surface
Date Permission granted on:	11.75"	540'	540'	Surface 175 cu ft
Rotary Cable Rig	8.625"	2340'	2340'	Surface 530 cu ft
Total Depth (feet): 6927', PBSD 6925'	5.5"		6925'	Surface 1210 cu ft
Fresh Water Depth (ft.): 250'				
Salt Water Depth (ft.): 620'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1000'-1200'				

OPEN FLOW DATA

Producing formation\_ Delayed completion\_\_\_ 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

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: *Gary Laswell*  
By: Gary Laswell  
Date: 10/1/2013

**Received**

OCT 1 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection

10/04/2013



103-02549

WR-35  
Rev (5-01)  
State of West Virginia

DATE: November 8, 2010  
API # 47-10302549

Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: West Virginia Conservation Commission Operator Well No.: WVCC 6

LOCATION: Elevation: 775' Quadrangle: Pine Grove

District: Grant County: Wetzel  
Latitude: 39.51650 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude 80.64089 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

This well was sold to Triad Hunter before being completed. Cased hole logs and bond logs were not run by Quest.

Formation	RKB TVD	Remarks
Big Injun	1890-2046'	Sandstone
Mississippian	2046-2180'	Silty Shale
Sunbury	2180-2406'	Shale
Berea	2406-2415'	Sandstone
Gordon	2610-2670'	Silty shale
Riley	4900-4936'	Black Silty Shale
Rhinestreet	5886-6004'	Black Shale
Hamilton	6164-6316'	Grey Shale
Middlesex	6434-6554'	Shale
West River	6586-6704'	Silty Shale
Genessee	6712-6722'	Shale
Tully	6738-6804'	Limestone
Marcellus	6832-6880'	Soft Black Organic Shale
Onondaga	6880-6927'	Limestone

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OCT 1 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection

10/04/2013

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

*Under OGCC  
Consent Order  
2011-17*

Well Operator's Report of Well Work

Farm name: West Virginia Conservation Commission Operator Well No.: WVCC 7

LOCATION: Elevation: 800' Quadrangle: Pine Grove

District: Grant County: Wetzel  
Latitude: 39.50931 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude 80.63569 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Quest Eastern Resource

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 101 West Main St				
Harrisville, WV 26362				
Agent: Gary Laswell				
Inspector: David Scranage				
Date Permit Issued: 3/2/2010				
Date Well Work Commenced: 3/9/2010				
Date Well Work Completed: 7/2/2010				
Verbal Plugging:	16"	40'	40'	Surface
Date Permission granted on:	11.75"	548'	548'	Surface 175 cu ft
Rotary Cable Rig	8.625"	2347'	2347'	Surface 530 cu ft
Total Depth (feet): 7068', PBD 7059'	5.5"		7059'	1230 cu ft
Fresh Water Depth (ft.): 250'				
Salt Water Depth (ft.): 620'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1000'-1200'				

OPEN FLOW DATA

Producing formation Delayed completion 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

OCT 1 2013

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

Office of Oil and Gas  
WV Dept. of Environmental Protection

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Signed: *Gary Laswell*  
By: Gary Laswell  
Date: 10/1/2013

10/04/2013

WR-35  
 Rev (5-01)  
 State of West Virginia

DATE: November 8, 2010  
 API # 47-10302550

103-02550

Department of Environmental Protection  
 Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: West Virginia Conservation Commission Operator Well No.: WVCC 7

LOCATION: Elevation: 800' Quadrangle: Pine Grove

District: Grant County: Wetzel  
 Latitude: 39.50931 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
 Longitude 80.63569 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

This well was sold to Triad Hunter before being completed. Cased hole logs and bond logs were not run by Quest.

Formation	RKB TVD	Remarks
Big Injun	1938-2094	Sandstone
Mississippian	2094-2228	Silty Shale
Sunbury	2228-2454'	Shale
Berea	2454-2463'	Sandstone
Gordon	2665-2725'	Silty shale
Riley	4958-4922'	Black Silty Shale
Rhinestreet	5947-6065'	Black Shale
Hamilton	6172-6324'	Grey Shale
Middlesex	6521-6641'	Shale
West River	6674-6792'	Silty Shale
Genessee	6806-6816'	Shale
Tully	6831-6897'	Limestone
Marcellus	6927-6973'	Soft Black Organic Shale
Onondaga	6973-7068'	Limestone

Received

OCT 1 2013

Office of Oil and Gas  
 WV Dept. of Environmental Protection

10/04/2013

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

*Under OBCC  
Consent Order  
2011-17*

Farm name: West Virginia Conservation Commission\_ Operator Well No.: WVCC 8

LOCATION: Elevation: 825' Quadrangle: Pine Grove

District: Grant County: Wetzel  
Latitude: 39.50050 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude 80.63589 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Quest Eastern Resource

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 101 West Main St				
Harrisville, WV 26362				
Agent: Gary Laswell				
Inspector: David Scranage				
Date Permit Issued: 2/18/2010				
Date Well Work Commenced: 2/23/2010				
Date Well Work Completed: 6/4/2010				
Verbal Plugging:	16"	40'	40'	Surface
Date Permission granted on:	11.75"	542'	542'	Surface 175 cu ft
Rotary Cable Rig	8.625 "	2323'	2323'	Surface 530 cu ft
Total Depth (feet): 7103', PBSD 7068'	5.5"		7068'	1230 cu ft
Fresh Water Depth (ft.): 250'				
Salt Water Depth (ft.): 620'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1000'-1200'				

OPEN FLOW DATA

Producing formation \_\_\_\_\_ Delayed completion \_\_\_\_\_ 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

OCT 1 2013

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

Office of Oil and Gas  
WV Dept. of Environmental Protection

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Signed: *Gary Laswell*  
By: Gary Laswell  
Date: 10/1/2013

10/04/2013

WR-35  
 Rev (5-01)  
 State of West Virginia

DATE: November 8, 2010  
 API # 47-10302554

103.02554

Department of Environmental Protection  
 Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: West Virginia Conservation Commission Operator Well No.: WVCC 8

LOCATION: Elevation: 825' Quadrangle: Pine Grove

District: Grant County: Wetzel  
 Latitude: 39.50050 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
 Longitude 80.63589 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

This well was sold to Triad Hunter before being completed. Cased hole logs and bond logs were not run by Quest.

Formation	RKB TVD	Remarks
Big Injun	1950-2106'	Sandstone
Mississippian	2106-2240'	Silty Shale
Sunbury	2240-2500'	Shale
Berea	2500-2509'	Sandstone
Gordon	2701-2761'	Silty shale
Riley	4982-5018'	Black Silty Shale
Rhinstreet	5988-6106'	Black Shale
Hamilton	6258-6410'	Grey Shale
Middlesex	6550-6670'	Shale
West River	6700-6818'	Silty Shale
Genesee	6833-6843'	Shale
Tully	6858-6924'	Limestone
Marcellus	6954-7001'	Soft Black Organic Shale
Onondaga	7001-7103'	Limestone

Received

OCT 1 2013

Office of Oil and Gas  
 WV Dept. of Environmental Protection

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