

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: 10-1-2013
API #: 47-009-00138

Farm name: OV Royalty Trust LLC BRK 6H Operator Well No.: 835127

LOCATION: Elevation: 1185' Quadrangle: Stuebenville East WV

District: Cross Creek County: Brooke
Latitude: 330' Feet South of 40 Deg. 17 Min. 30 Sec.
Longitude 2210' Feet West of 80 Deg. 35 Min. 00 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	115'	115'	376 Cu. Ft.
Agent: <u>Eric Gillespie</u>	13 3/8"	262'	262'	328 Cu. Ft.
Inspector: <u>Bill Hendershot</u>	9 5/8"	1630'	1630'	755 Cu. Ft.
Date Permit Issued: <u>7-18-2012</u>	5 1/2"	10068'	10068'	2414 Cu. Ft.
Date Well Work Commenced: <u>8-4-2012</u>				
Date Well Work Completed: <u>7-22-2013</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>5792'</u>				
Total Measured Depth (ft): <u>10073'</u>				
Fresh Water Depth (ft.): <u>390'</u>				
Salt Water Depth (ft.): <u>490'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>240'</u>				
Void(s) encountered (N/Y) Depth(s) <u>Y 240'</u>				

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

Producing formation Marcellus Pay zone depth (ft) 6,215-9,941

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 1,126* MCF/d Final open flow 168 Bbl/d

Time of open flow between initial and final tests 48 Hours

Static rock Pressure 3,765* psig (surface pressure) after 48 Hours *Calculated

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.

Marlene Williams
Signature

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WV Dept. of Environmental Protection

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Were core samples taken? Yes _____ No N

Were cuttings caught during drilling? Yes Y No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list LWD GR from 5198-10073' MD.

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

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>	/	

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PERFORATION RECORD ATTACHMENT

Well Number and Name: 835127 OV Royalty Trust LLC BRK 6H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated		Fluid		Propping Agent		Average Injection
	From	To		Type	Amount	Type	Amount			
6/13/2013	9,730	9,941	6/20/2013	9,730	9,941	Sik wtr	6,835	Sand	459,200	79
6/20/2013	9,459	9,668	6/20/2013	9,459	9,668	Sik wtr	7,039	Sand	462,140	78
6/20/2013	9,189	9,400	6/20/2013	9,189	9,400	Sik wtr	7,451	Sand	459,560	80
6/20/2013	8,919	9,135	6/20/2013	8,919	9,135	Sik wtr	7,069	Sand	461,160	79
6/21/2013	8,648	8,860	6/21/2013	8,648	8,860	Sik wtr	7,047	Sand	460,360	79
6/21/2013	8,378	8,589	6/21/2013	8,378	8,589	Sik wtr	7,108	Sand	463,720	76
6/21/2013	8,107	8,319	6/21/2013	8,107	8,319	Sik wtr	7,285	Sand	462,820	77
6/21/2013	7,837	8,049	6/21/2013	7,837	8,049	Sik wtr	6,899	Sand	460,260	75
6/21/2013	7,567	7,779	6/21/2013	7,567	7,779	Sik wtr	6,977	Sand	459,700	77
6/21/2013	7,296	7,508	6/21/2013	7,296	7,508	Sik wtr	6,938	Sand	458,540	80
6/21/2013	7,026	7,238	6/21/2013	7,026	7,238	Sik wtr	6,856	Sand	459,400	80
6/21/2013	6,756	6,967	6/22/2013	6,756	6,967	Sik wtr	7,158	Sand	461,660	79
6/22/2013	6,485	6,697	6/22/2013	6,485	6,697	Sik wtr	7,198	Sand	464,240	77
6/22/2013	6,215	6,427	6/22/2013	6,215	6,427	Sik wtr	7,739	Sand	463,440	78.3

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LATERAL SIDETRACK WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 5792 ft TVD @ 10073 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS/SILT	0	0	240	240
PITTSBURG COAL VOID	240	240	244	244
SILT	244	244	550	550
SS	550	550	600	600
SILT	600	600	750	750
SS	750	750	1350	1350
BIG INJUN (SS)	1350	1350	1500	1500
SHALE	1500	1500	5790	5570
GENESEO (SH)	5790	5570	5820	5585
TULLY (LS)	5820	5585	5915	5637
HAMILTON (SH)	5915	5637	6169	5715
MARCELLUS (SH)	6169	5715		
TD OF LATERAL			10073	5792

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