Preliminary Report

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: 5-1-2012
API #: 47-009-00094

Farm name: OV Royalty Trust LLC BRK 3H  Operator Well No.: 833463

LOCATION: Elevation: 1190'  Quadrangle: Stuebenville East, WV

District: Cross Creek  County: Brooke
Latitude: 300' Feet South of 40 Deg. 17 Min. 30 Sec.
Longitude 2170' Feet West of 80 Deg. 35 Min. 00 Sec.

Company: Chesapeake Appalachia, L.L.C.

| Address: P.O. Box 18496 | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---|---|---|---|---|
| Oklahoma City, OK 73154-0496 | 20" | 100' | 100' | 359 Cu. Ft. |
| Agent: Eric Gillespie | 13 3/8" | 259' | 259' | 140 Cu. Ft. |
| Inspector: Bill Hendershot | 9 5/8" | 1660' | 1660' | 757 Cu. Ft. |
| Date Permit Issued: 6-6-2011 | 5 1/2" | 10525' | 10525' | 1122 Cu. Ft. |
| Date Well Work Commenced: 11-2-2011 | | | | |
| Date Well Work Completed: 11-17-2011(Rig Release date) | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary ☑ Cable ☐ Rig ☐ | | | | |
| Total Vertical Depth (ft): 5757' | | | | |
| Total Measured Depth (ft): 10525' | | | | |
| Fresh Water Depth (ft.): 53' | | | | |
| Salt Water Depth (ft.): 1145' | | | | |
| Is coal being mined in area (N/Y)? N | | | | |
| Coal Depths (ft.): 240' | | | | |
| Void(s) encountered (N/Y) Depth(s) Y 240' | | | | |

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)
Producing formation Marcellus  Pay zone depth (ft) N/A(not frac'd)
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.

Marlene Williams
Signature

12-21-2012
Date

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 GR, neutron, density, and resistivity
Open hole logs run from 0-1672' MD; LWD GR from 5078-10525' 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:

Tentative fracturing scheduled 6-27-2013

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

Formations Encountered: Top Depth / Bottom Depth
Surface:

See attached

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

**Maximum TVD of wellbore:** 5757 ft TVD @ 6458 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 | 5609 | 5566 |
| GENESEO (SH) | 5609 | 5566 | 5630 | 5582 |
| TULLY (LS) | 5630 | 5582 | 5701 | 5634 |
| HAMILTON (SH) | 5701 | 5634 | 5856 | 5713 |
| MARCELLUS (SH) | 5856 | 5713 | | |
| TD OF LATERAL | | | 10525 | 5712 |