

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: 9-13-2013
API #: 47-069-00168

Farm name: Clarence Farmer OHI 8H Operator Well No.: 835811

LOCATION: Elevation: 1,330' Quadrangle: Bethany

District: Liberty County: Ohio
Latitude: 9.540' Feet South of 40 Deg. 10 Min. 00 Sec.
Longitude 7.150' Feet West of 80 Deg. 32 Min. 30 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" | 122' | 122' | 365 Cu. Ft. |
| Agent: Eric Gillespie | 13 3/8" | 677' | 677' | 752 Cu. Ft. |
| Inspector: Gayne J. Knitowski | 9 5/8" | 2,149' | 2,149' | 921 Cu. Ft. |
| Date Permit Issued: 5-14-2013 | 5 1/2" | 15,512' | 15,512' | 3,755 Cu. Ft. |
| Date Well Work Commenced: 6-1-2013 | | | | |
| Date Well Work Completed: 6-19-2013(Rig release date) | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/> | | | | |
| Total Vertical Depth (ft): 6,496' | | | | |
| Total Measured Depth (ft): 15,517' | | | | |
| Fresh Water Depth (ft.): 425' | | | | |
| Salt Water Depth (ft.): 750' | | | | |
| Is coal being mined in area (N/Y)? N | | | | |
| Coal Depths (ft.): 727' | | | | |
| Void(s) encountered (N/Y) Depth(s) Y 727' | | | | |

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

Producing formation Marcellus Pay zone depth (ft) Completing* *Estimated Frac: 11/12/13
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d *Estimated TIL: 2/10/14
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

9-20-2013
Date

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

Maximum TVD of wellbore: 6496 ft TVD @ 15283 ft MD

| Formation/Lithology | Top Depth, MD (ft) | Top Depth, TVD (ft) | Bottom Depth, MD (ft) | Bottom Depth, TVD (ft) |
|---------------------|-----------------------|------------------------|--------------------------|---------------------------|
| SILTSTONE W/ SS | 0 | 0 | 420 | 420 |
| LS W/ SS | 420 | 420 | 633 | 633 |
| PITTSBURG COAL | 633 | 633 | 643 | 643 |
| SS W/ SILTSTONE | 643 | 643 | 980 | 980 |
| SHALE W/ SILTSTONE | 980 | 980 | 1140 | 1140 |
| SS W/ SILTSTONE | 1140 | 1140 | 1650 | 1650 |
| BIG LIME | 1650 | 1650 | 1761 | 1761 |
| BIG INJUN (SS) | 1761 | 1761 | 1972 | 1972 |
| SHALE W/ MINOR SS | 1972 | 1972 | 6232 | 6170 |
| GENESEO (SH) | 6232 | 6170 | 6254 | 6185 |
| TULLY (LS) | 6254 | 6185 | 6332 | 6232 |
| HAMILTON (SH) | 6332 | 6232 | 6813 | 6340 |
| MARCELLUS (SH) | 6813 | 6340 | | |
| TD OF LATERAL | | | 15283 | 6496 |