

WR-35
Rev (9-11)State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well WorkDATE: 1-27-2012
API #: 47-049-02108Farm name: Edwin Bunner Operator Well No.: 10H (832164)LOCATION: Elevation: 1469' Quadrangle: GladesvilleDistrict: Winfield County: Marion
Latitude: 10334' Feet South of 39 Deg. 30 Min. 00 Sec.
Longitude 3400' Feet West of 80 Deg. 57 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" | 100' | 100' | Driven |
| Agent: Eric Gillespie | 13 3/8" | 483' | 483' | 476 cf |
| Inspector: Tristan Jenkins | 9 5/8" | 2924' | 2924' | 1279 cf |
| Date Permit Issued: 7/20/2010 | 5 1/2" | 13717' | 13717' | 2664 cf |
| Date Well Work Commenced: 10/16/2011 | | | | |
| Date Well Work Completed: 12/28/2011 | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/> | | | | |
| Total Vertical Depth (ft): 7,270'(cement plug @ 13,601') | | | | |
| Total Measured Depth (ft): 13,728' | | | | |
| Fresh Water Depth (ft.): 350' | | | | |
| Salt Water Depth (ft.): None | | | | |
| Is coal being mined in area (N/Y)? N | | | | |
| Coal Depths (ft.): 100' | | | | |
| Void(s) encountered (N/Y) Depth(s) N | | | | |

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

Producing formation Marcellus Pay zone depth (ft) 7,652'-13,585'Gas: Initial open flow 2,199 MCF/d Oil: Initial open flow - Bbl/dFinal open flow - MCF/d Final open flow - Bbl/dTime of open flow between initial and final tests - HoursStatic rock Pressure 4,726 psig (surface pressure) after - HoursSecond producing formation - Pay zone depth (ft) -Gas: Initial open flow - MCF/d Oil: Initial open flow - Bbl/dFinal open flow - MCF/d Final open flow - Bbl/dTime of open flow between initial and final tests - HoursStatic rock Pressure - psig (surface pressure) after - Hours

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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
Signature5-18-2012
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 _____
LWD GR from 6850-13684' 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): PBTD cement @ 13,601'

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

(See Attached)

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| Formation/Lithology | Top Depth (ft) | Bottom Depth (ft) |
|---------------------|----------------|-------------------|
| SS/SHALE | 0 | 100 |
| SS/COAL | 100 | 150 |
| SS/SHALE | 150 | 640 |
| SS | 640 | 740 |
| LS | 740 | 899 |
| Big Lime | 899 | 995 |
| Big Injun | 995 | 1050 |
| SHALE/SS | 1050 | 1193 |
| Berea | 1193 | 1222 |
| SHALE | 1222 | 1440 |
| SHALE/SS | 1440 | 1640 |
| SS | 1640 | 1660 |
| SHALE | 1660 | 1920 |
| SS | 1920 | 2040 |
| SHALE/SILT | 2040 | 7050 |
| Geneseo | 7050 | 7090 |
| Tully | 7090 | 7170 |
| Hamilton | 7170 | 7460 |
| Marcellus | 7460 | 13728 |

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PERFORATION RECORD ATTACHMENT

Well Name and Number: Edwin Bunner 10H (832164)

| PERFORATION RECORD | | | STIMULATION RECORD | | | | | | | |
|--------------------|---------------------|--------|--------------------|------------------|--------|---------|--------|----------------|---------|-------------------|
| Date | Interval Perforated | | Date | Interval Treated | | Fluid | | Propping Agent | | Average Injection |
| | From | To | | | | Type | Amount | Type | Amount | |
| 12/28/2011 | 13,207 | 13,585 | 12/28/2011 | 13,207 | 13,585 | Slk Wtr | 12,170 | Sand | 569,715 | 63.0 |
| 1/2/2012 | 12,736 | 13,114 | 1/2/2012 | 12,736 | 13,114 | Slk Wtr | 11,126 | Sand | 569,821 | 70.0 |
| 1/3/2012 | 12,265 | 12,643 | 1/3/2012 | 12,265 | 12,643 | Slk Wtr | 9,109 | Sand | 569,130 | 82.0 |
| 1/4/2012 | 11,798 | 12,172 | 1/4/2012 | 11,798 | 12,172 | Slk Wtr | 11,396 | Sand | 573,628 | 85.0 |
| 1/5/2012 | 11,322 | 11,700 | 1/5/2012 | 11,322 | 11,700 | Slk Wtr | 11,221 | Sand | 568,828 | 83.0 |
| 1/6/2012 | 10,851 | 11,229 | 1/6/2012 | 10,851 | 11,229 | Slk Wtr | 12,184 | Sand | 572,469 | 84.0 |
| 1/7/2012 | 10,390 | 10,753 | 1/7/2012 | 10,390 | 10,753 | Slk Wtr | 10,893 | Sand | 570,338 | 84.0 |
| 1/8/2012 | 9,933 | 10,297 | 1/8/2012 | 9,933 | 10,297 | Slk Wtr | 11,108 | Sand | 568,607 | 86.0 |
| 1/9/2012 | 9,477 | 9,842 | 1/9/2012 | 9,477 | 9,842 | Slk Wtr | 10,732 | Sand | 567,897 | 86.0 |
| 1/10/2012 | 9,021 | 9,388 | 1/10/2012 | 9,021 | 9,388 | Slk Wtr | 10,651 | Sand | 572,586 | 82.0 |
| 1/11/2012 | 8,568 | 8,931 | 1/11/2012 | 8,568 | 8,931 | Slk Wtr | 13,484 | Sand | 571,077 | 85.0 |
| 1/12/2012 | 8,108 | 8,472 | 1/12/2012 | 8,108 | 8,472 | Slk Wtr | 14,893 | Sand | 571,285 | 85.0 |
| 1/13/2012 | 7,652 | 8,019 | 1/13/2012 | 7,652 | 8,019 | Slk Wtr | 15,154 | Sand | 559,238 | 84.0 |
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