

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: 10/16/2012  
API #: 47-033-05566

Farm name: A&B Management, LLC Operator Well No.: D'Annunzio 4HM

LOCATION: Elevation: 1117' GL / 1137' KB Quadrangle: Clarksburg 7.5'

District: Clark County: Harrison  
Latitude: 13,441 Feet South of 39 Deg. 17 Min. 30 Sec.  
Longitude 785 Feet West of 60 Deg. 20 Min. 00 Sec.

Company: PDC Mountaineer, LLC

| Address:   | Casing & Tubing | Used in drilling | Left in well   | Cement fill up Cu. Ft. |
|--|-----------------|------------------|----------------|------------------------|
| <u>120 Genesis Boulevard</u><br><u>Bridgeport, WV 26330</u>  | <u>30"</u>      | <u>65'</u>       | <u>65'</u>     | <u>Cement to Surf</u>  |
| Agent: <u>Bob Williamson</u>   | <u>13 3/8"</u>  | <u>492'</u>      | <u>492'</u>    | <u>795</u>             |
| Inspector: <u>Sam Ward</u>   | <u>9 5/8"</u>   | <u>2723'</u>     | <u>2723'</u>   | <u>1,263</u>           |
| Date Permit Issued: <u>07/06/2011</u>  | <u>5 1/2"</u>   | <u>13,590'</u>   | <u>13,590'</u> | <u>3,108</u>           |
| Date Well Work Commenced: <u>01/28/2013</u>  |                 |                  |                |                        |
| Date Well Work Completed: <u>06/18/2013</u>  | <u>2 7/8"</u>   | <u>-----</u>     | <u>8,003'</u>  | <u>-----</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>7,225'</u>   |                 |                  |                |                        |
| Total Measured Depth (ft): <u>13,605'</u>  |                 |                  |                |                        |
| Fresh Water Depth (ft.): <u>128', 195', 264'</u>   |                 |                  |                |                        |
| Salt Water Depth (ft.): <u>840'</u>  |                 |                  |                |                        |
| Is coal being mined in area (N/Y)? <u>N</u>  |                 |                  |                |                        |
| Coal Depths (ft.): <u>360', 775'</u>   |                 |                  |                |                        |
| Void(s) encountered (N/Y) Depth(s) <u>None</u>   |                 |                  |                |                        |

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Office of Oil & Gas  
OCT 28 2013  
WV Department of Environmental Protection

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

Producing formation Marcellus Shale Pay zone depth (ft) 7204' TVD

Gas: Initial open flow 5,402 MCF/d Oil: Initial open flow ----- Bbl/d

Final open flow 2,424 MCF/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests 595 Hours

Static rock Pressure 540 psig (surface pressure) after 72 Hours

Second producing formation N/A 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.

  
Signature

10/25/2013  
Date

11/22/2013

