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#: | 47-033-05563 |

| Farm name: A&B Management, LLC | Operator Wel | l No.: D'Annunz | io 1HM | |
|--|---|-----------------------|--------------------|------------------------|
| LOCATION: Elevation: 1110 GL | Quadrangle: _ | Clarksburg 7.5 | | |
| District: Clark | County: Ha | arrison | | |
| Latitude: 13,459 Feet South of 39 Deg. | | . 30 Sec | <u> </u> | |
| Longitude 743 Feet West of 80 Deg. | 20 Min | Sec | | |
| Company: PDC Mountaineer, LLC | | | | |
| Address: 120 Genesis Boulevard | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
| Bridgeport, WV 26330 | 30" | 65' | 65' | Cement to Surf |
| Agent: Bob Williamson | 13 3/8" | 561' | 561' | 842 |
| Inspector: Sam Ward | 9 5/8" | 2709' | 2709' | 1125 |
| Date Permit Issued: 09/21/2011 | 5 1/2" | 12,602' | 12,602' | 2829 |
| Date Well Work Commenced: 03/05/2013 | | | | |
| Date Well Work Completed: 06/29/2013 | 2 7/8" | | 7,511' | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary Cable Rig | | | BEGEIV | En |
| Total Vertical Depth (ft): 7,279' | | 0 | fice of Oil | & Gas |
| Total Measured Depth (ft): 12,624' | | | IIICE OI OII | G. CLUS |
| Fresh Water Depth (ft.): 128', 195', 264' | | | UCT 28 | 013 |
| Salt Water Depth (ft.): 840' | | | <u> </u> | |
| Is coal being mined in area (N/Y)? N | | | V Departr | |
| Coal Depths (ft.): 360', 775' | | Envir | onmental | Protection |
| Void(s) encountered (N/Y) Depth(s) None | | | | |
| Gas: Initial open flow 6.072 MCF/d Oil: Initial open flow Final open flow 2,640 MCF/d Final open flow Time of open flow between initial and final tests 660 Static rock Pressure 635 psig (surface pressure) after the contract of the contrac | one depth (ft) 72 Depth (ft) 72 Hours e depth (ft) 99 Bbl Bbl Hours | 247 TVD //d //d //d d | ta on separate sia | ect) |

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

| Were core samples taken? YesNo | XX Wes | Were cuttings caught during drilling? Yes_XX No | | | | |
|--|--|---|---|--|--|--|
| Were Electrical, Mechanical or Geophysical le Mud Log from 5190'-12,624'. PathFinder GR - TVD log from 61 | anical or Geophysical logs recorded on this well? If we please liet Vaughn Energy Gyro from 5067' - Surf | | | | | |
| NOTE: IN THE AREA BELOW PUT FRACTURING OR STIMULATING, PHY DETAILED GEOLOGICAL RECORD COAL ENCOUNTERED BY THE WELL Perforated Intervals, Fracturing, or Stimulating | OF THE TOPS AND I BORE FROM SURFACT | S. 2). THE WELL LOG BOTTOMS OF ALL FO E TO TOTAL DEPTH. | WHICH IS A SYSTEMATIC ORMATIONS, INCLUDING | | | |
| Perforated interval 7,607 ft - 12,549 ft | 1 (out shots). Fracia | 16 stages using 380 l | obls 15% HCL, and | | | |
| 134,000 bbls of Slickwater carrying 1, | 291,200 lbs of 100-m | esh sand and 5,104,3 | 300 lbs of 40/70 sand. | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Plug Back Details Including Plug Type and De | :pth(s): | | | | | |
| | | | | | | |
| Formations Encountered: Surface: | Top Depth | 1 | Bottom Depth | | | |
| Little Lime | 1490 | 1510 | | | | |
| Big Lime | 1530 | 1600 | | | | |
| Big Injun | 1600 | 1710 | · | | | |
| Gantz | 2040 | 2062 | | | | |
| 50 Foot | 2080 | 2130 | | | | |
| 30 Foot | 2130 | 2160 | | | | |
| Gordon Stray | 2168 | 2180 | | | | |
| 4th Sand | 2430 | 2491 | | | | |
| 5th Sand | 2520 | 2570 | | | | |
| Benson | 4358 | 4398 | | | | |
| Sycamore | 6418 | 6492 | | | | |
| Geneseo | 6956 | 6971 | | | | |
| Tully | 6971 | 7028 | | | | |
| <i>f</i> arcellus | 7149 | 12,624 MD-TD | | | | |
| All depths are TVD except TD. | | , | | | | |
| | | | | | | |