

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: 12-17-12  
API #: 47-103266

Farm name: Mackey-Wolfe 202 Operator Well No.: 494501227

LOCATION: Elevation: 1626 Quadrangle: Thomton 7.5'

District: Cove County: Barbour  
Latitude: 39.255434 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude -79.88663 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Mountaineer Keystone, LLC

| Address:  | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---|-----------------|------------------|--------------|------------------------|
| 6031 Wallace Road Ext. Suite 300<br>Wexford, PA 15090   | 20"             | 41'              | 41'          | 3.5 cu. yards          |
| Agent:  | 13 - 3/8"       | 923'             | 919'         | 844                    |
| Inspector: <u>Joe McCourt</u>   | 9 - 5/8"        | 1,968'           | 1,964'       | 812                    |
| Date Permit Issued: <u>07/03/2012</u>   | 5.5"            | 12,006           | 11,990'      | 2,917                  |
| Date Well Work Commenced: <u>8/10/2012</u>  |                 |                  |              |                        |
| Date Well Work Completed: <u>12/7/2012</u>  |                 |                  |              |                        |
| Verbal Plugging: <u>N/A</u>   |                 |                  |              |                        |
| Date Permission granted on: <u>N/A</u>  |                 |                  |              |                        |
| Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/> |                 |                  |              |                        |
| Total Vertical Depth (ft): <u>7,929'</u>  |                 |                  |              |                        |
| Total Measured Depth (ft): <u>12,292'</u>   |                 |                  |              |                        |
| Fresh Water Depth (ft.): <u>100' - 750'</u>   |                 |                  |              |                        |
| Salt Water Depth (ft.): <u>1350 - 1700'</u>   |                 |                  |              |                        |
| Is coal being mined in area (N/Y)? <u>No</u>  |                 |                  |              |                        |
| Coal Depths (ft.): <u>155', 275', 335', 375', 440', 530', 535'</u>  |                 |                  |              |                        |
| Void(s) encountered (N/Y) Depth(s) <u>No</u>  |                 |                  |              |                        |

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

Producing formation Waiting on Completion 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

Second producing formation Waiting on Completion 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

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Office of Oil & Gas  
DEC 27 2012  
WV Department of Environmental Protection

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]  
Signature

12-18-12  
Date

02/08/2013