WR-35 Rev (9-I1)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

| DATE: | 9/4/2012 | |
|-------|--------------|--|
| API#: | 47-033-05550 | |

| Farm name: I.L. Morris & Mike Ross, Inc. | Operator Well No.: Richman Unit 1H Quadrangle: Wolf Summit | | | | |
|--|---|-------------------------------|-------------------------|------------------------|--|
| LOCATION: Elevation: 1169' | | | | | |
| District: Coal | County: Harrison | | | | |
| Latitude: 3594' Feet South of 39 Deg. 3 | Min. | | | | |
| Longitude 10,929' Feet West of 80 Deg. | 25 Min. 00 Sec. | | | | |
| Company: Antero Resources Appalachian Corp | | | | | |
| Address: 1625 17th Street | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. | |
| Denver, CO 80202 | 20" 94# | 40' | 40' | 38 Cu. Ft. Class A | |
| Agent: CT Corporation System | 13-3/8" 68# | 474' | 474' | 658 Cu. Ft. Class A | |
| Inspector: Tristan Jenkins | 9-5/8" 36# | 2511' | 2511' | 1440 Cu. Ft. Class A | |
| Date Permit Issued: 05/24/2011 | 4" 11.6# | 7003' | 7003' | 303 Cu. Ft. Class H | |
| Date Well Work Commenced: 6/4/2011 | 5-1/2" 20# | 13,758' | 13,758' | 3382 Cu. Ft. Class H | |
| Date Well Work Completed: 4/17/2012 | | | | Filazin Baton. | |
| Verbal Plugging: N/A | 2-3/8" 4.7# | 7170' | RECEIV | | |
| Date Permission granted on: N/A | | | ffice of Oil | 8 Gas | |
| Rotary Cable Rig | | | SEP 112 | 1112 | |
| Total Vertical Depth (ft): 7,102' TVD (Deepest po | int drilled) | | | 012 | |
| Total Measured Depth (ft): 13,758' MD, 7,045' TVI | | . N | V Departr | nent of | |
| Fresh Water Depth (ft.): 980' | | Envir | onmental | Protonia | |
| Salt Water Depth (ft.): *None available | *Due to air drilling, Antero was unable to identify accurate salt | | | | |
| Is coal being mined in area (N/Y)? N | water and coal depths for | | | | |
| Coal Depths (ft.): *None available | reporting | | | | |
| | | | | | |
| Void(s) encountered (N/Y) Depth(s) N, N/A | | | | L | |
| OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus Pay z Gas: Initial open flow MCF/d Oil: Initial open flow MCF/d Final open flow Time of open flow between initial and final tests N/A Static rock Pressure 3300 psig (surface pressure) after the producing formation open flow producing formation page 2. | one depth (ft) 7 ow N/A Bb N/A Bb Hours | 7,056' TVD (To 01/d 1/d | ta on separate sł o) | neet) | |
| Second producing formation Pay zor Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) af | Bb. Hours | | | | |
| I certify under penalty of law that I have personally examined a all the attachments and that, based on my inquiry of those individual that the information is true, accurate and complete. | | | | | |

| Were core samples taken? YesN | No Were cut | ttings caught during drilling? Yes_ | No |
|--|---|--|-----------------------------|
| Were Electrical, Mechanical or Geophysic | cal logs recorded on this well? If ye | es, please list_Yes- Cement Bond Log/G | Samma Ray/CCL Log |
| This is a subsequent well. Antero only runs wireline logs on the fire | it well on a multi-pad (Reynolds Unit 1H API# 47-033-0548 | 51). Please reference wireline logs submitted with Form W | VR-35 for Reynolds Unit 1H. |
| NOTE: IN THE AREA BELOW FRACTURING OR STIMULATING, DETAILED GEOLOGICAL RECOI COAL ENCOUNTERED BY THE WI | PHYSICAL CHANGE, ETC. 2). RD OF THE TOPS AND BOT | . THE WELL LOG WHICH IS A TOMS OF ALL FORMATION | A SYSTEMATIC |
| Perforated Intervals, Fracturing, or Stimu | lating: | | |
| 'erforations: 7282' - 13,640' MD | : 1 00 000 111 01: 1 34/1 | | ONT 24 |
| rac'd w/ 5,000 gals 15% HCL Ac | | arrying 29,900# 100 mesh, | |
| ,833,041# 40/70 and 86,000# 20 | /40 sand. | | |
| | | | |
| Plug Back Details Including Plug Type at | nd Depth(s): N/A | , | |
| | | | |
| Formations Encountered: Surface: | Top Depth | / Botte | om Depth |
| | | | |
| *Tully | 6,852' | 6,977' | |
| lamilton | 6,978' | 7,055' | |
| /larcellus | 7,056' | 7,102 TVD | <u> </u> |
| | <u> </u> | | |
| Antero only runs wireline logs on the first well on a mu | | | |
| e are unable to accurately identify formation tops from surf | ace. Please reference the additional formation top | s submitted on Form WK-33 for the Reynolds Unit | TH (API# 47-033-05451 |
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