PERMIT MODIFICATION APPROVAL

March 31, 2014

ANTERO RESOURCES APPALACHIAN CORPORATION
1625 17TH STREET, SUITE 300
DENVER, CO 80202

Re: Permit Modification Approval for API Number 1706206, Well #: VIOLET UNIT 1H
Bottom Hole Moved

Oil and Gas Operator:
The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

[Signature]

Gene Smith
Regulatory/Compliance Manager
Office of Oil and Gas

Promoting a healthy environment.
January 26th, 2014

West Virginia Department of Environmental Protection
Office of Oil and Gas
Attn: Ms. Laura Cooper
601 57th Street
Charleston, WV 25304

Ms. Laura Cooper:

Antero Resources Corporation (Antero) would like to submit the following permit modification for an approved well on the Vogt Pad. We are requesting to change the bottom hole of the Violet Unit 1H (API#47-017-06206); however, the measured depth will stay the same as originally permitted.

Attached you will find the following documents:

- REVISED Form WW-6A1, which shows the leases we will be drilling into
- REVISED Mylar Plat, which shows the new bottom hole location

If you have any questions please feel free to contact me at (303) 357-7323.

Thank you in advance for your consideration.

Sincerely,

Ashlie Mihalcev
Permit Representative
Antero Resources Corporation

Enclosures