

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax

Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

PERMIT MODIFICATION APPROVAL

September 10, 2013

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

Re: Permit Modification Approval for API Number 3305710 . Well #: CLARK UNIT 1H extended lateral

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.

Gene Smith

Sincerely

Regulatory/Compliance Manager

Office of Oil and Gas

Promoting a healthy environment.



September 4, 2013

Antero Resources 1625 17th Street Denver, Colorado 80202 Office 303.357.7310 Fax 303.357.7315

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 Corder East Pad. We are requesting to extend the horizontal lateral length which will change the bottom hole location of the Clark Unit 1H (API# 47-033-05710).

Attached you will find the following documents:

REVISED Mylar Plat, which shows the new bottom hole location

Please note that the Measured Depth and Casing Program will be the same as originally permitted and no new leases will be drilled into from what was originally permitted.

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

Thank you in advance for your consideration.

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Sincerely,

Ashlie Mihalcin

Permit Representative

Antero Resources Corporation

Enclosures



