

From: [Hannah Knopping](#)
To: [Deranleau, Greg](#); [Lars Inman](#); [Robert Mueller](#); [Jerry Alberts](#); [Mark Mauz](#)
Cc: [Neslin, David](#); [Kerr, Thom](#); [Kubeczko, Dave](#); [Ash, Margaret](#)
Subject: RE: McLin A Pad - Draft Public Comment Resolution and COAs
Date: Friday, December 17, 2010 5:08:29 PM

Greg,

Our completions engineer advised that there are a few factors that will affect our final frac tank layout, however we generally put the tanks on the cut side of the pad (which in this case would be the East side of the pad).

I hope that helps.

Have a great weekend!

Hannah Knopping
Permit Representative
Antero Resources Corporation
1625 17th Street
Denver, CO 80202
Office: (303) 357-6412
Cell: (720) 985-6647

From: Deranleau, Greg [mailto:Greg.Deranleau@state.co.us]
Sent: Friday, December 17, 2010 4:39 PM
To: Hannah Knopping; Lars Inman; Robert Mueller; Jerry Alberts; Mark Mauz
Cc: Neslin, David; Kerr, Thom; Kubeczko, Dave; Ash, Margaret
Subject: RE: McLin A Pad - Draft Public Comment Resolution and COAs

Hannah,

Thank you for your timely response. I want to review your proposed COA language with the others here at the commission. Has your operations department planned their frac tank layout? That would be helpful for our discussion if you would be able to provide a layout drawing.

Have a good weekend.

Greg Deranleau
Oil & Gas Location Assessment Supervisor
303-894-2100 ext. 5153



From: Hannah Knopping [mailto:hknopping@anteroresources.com]

Sent: Friday, December 17, 2010 4:07 PM

To: Deranleau, Greg; Lars Inman; Robert Mueller; Jerry Alberts; Mark Mauz

Cc: Neslin, David; Kerr, Thom; Kubeczko, Dave; Ash, Margaret

Subject: RE: McLin A Pad - Draft Public Comment Resolution and COAs

Importance: High

Hi Mr. Deranleau,

Antero has reviewed the final draft of the McLin A Pad document and only has one comment.

- 1) Can you please use the "re-worded" version of the COA that discusses flowing back to tanks which excludes the Form 4 Sundry Requirement? I spoke with Dave Kubeczko on 12/9/10 about this and he said that he did not see a problem since we have seen this revised COA on several of our recently approved permit applications.

Re-worded COA

Flowback to tanks only. Flowback and stimulation fluids shall be contained within tanks that are placed on the well pad in an area with additional downgradient perimeter berming. In addition, operator must implement odor controls during fracing operations.

Aside from that one comment, Antero concurs with the statements and COA's set forth in the response to Mr. Regulski.

Let me know if you have any questions.

Thanks!

Hannah Knopping

Permit Representative

Antero Resources Corporation

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From: Deranleau, Greg [mailto:Greg.Deranleau@state.co.us]

Sent: Wednesday, December 15, 2010 3:06 PM

To: Lars Inman; Robert Mueller; Jerry Alberts; Mark Mauz; Hannah Knopping

Cc: Neslin, David; Kerr, Thom; Kubeczko, Dave; Ash, Margaret

Subject: McLin A Pad - Draft Public Comment Resolution and COAs

All,

The COGCC is providing the attached draft document for your review and comment. The document is intended to provide a resolution to the public comments submitted in reference to the McLin A

Pad Form 2A (Document ID 400076537). Because the COGCC considers the pipeline issue on Mr. Regulski's property separate from the Form 2A for the McLin A Pad oil and gas location, the COGCC is prepared to approve the McLin A Pad Form 2A with a condition of approval that requires the resolution of the pipeline issues prior to pad construction. To that end, the COGCC has established the initial comments received from Mr. Regulski as a complaint (Document #200287954) and will address the resolution of that complaint separately. That would be the mechanism through which we will obtain verification from Antero, either by records submitted or exposure of pipeline for the COGCC inspection, that the pipeline as installed does not create a material threat of release.

Please provide your comments back to the COGCC by Friday, December 17, 2010 so that we may then pass the draft along to Mr. Regulski and Garfield County for their comments. We want to get their comments back by December 22 so that we can approve the Form 2A before the end of 2010.

Thanks for your cooperation.

Greg Deranleau
Oil & Gas Location Assessment Supervisor
303-894-2100 ext. 5153

