

STATE OF
COLORADO

Andrews - DNR, Doug <doug.andrews@state.co.us>

COGCC Form 2A review of Carrizo Niobrara's Ross 1-2-8-61 location - Doc #400619495

4 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>

Thu, Jun 12, 2014 at 2:22 PM

To: Cynthia Pinel <cynthia.pinel@crzo.net>

Cynthia,

I have reviewed the referenced Form 2A Oil and Gas Location Assessment and have the following comments.

- 1) A review of your Location Drawing indicates that one lined Freshwater Storage Pit will be on this oil and gas location. Therefore, I will add it to the Facilities section of the Form 2A.
- 2) In the Construction section you have indicated the date planned to begin interim reclamation is 6/1/15. This is six months after construction is planned to commence which is not in compliance with Rule 1003.b. For locations on Cropland (you have indicated this oil and gas location is on CRP land - a type of Cropland), interim reclamation shall occur no later than three months after construction begins. Please provide me with a revised date interim reclamation will begin on this oil and gas location.
- 3) Because this oil and gas location is within the Upper Crow Creek Designated Groundwater Basin, it is by definition a Sensitive Area. Therefore, in the Water Resources section I will change the Sensitive Area designation from NO to YES.
- 4) A review of your Access Road Map indicates your proposed Access Road will cross several different properties (Vawter, Sievers, Mauck & Poppe) other than the surface owner where this oil and gas location is located. Has Carrizo Niobrara obtained signed Surface Use Agreements from all surface owners to construct your proposed Access Road across their property?

Please respond to this correspondence with the requested items by July 12, 2014. If you have any questions please feel free to contact me. Thank you.

—

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area

**COLORADO**
Oil & Gas Conservation
Commission
Department of Natural Resources

1120 Lincoln St., Suite 801
Denver, CO 80203
doug.andrews@state.co.us
303-894-2100 Ext. 5180

Cynthia Pinel <Cynthia.Pinel@crzo.net>

Tue, Jun 17, 2014 at 7:16 AM

To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Doug,

Please see my responses in **ORANGE**

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]

Sent: Thursday, June 12, 2014 3:22 PM

To: Cynthia Pinel

Subject: COGCC Form 2A review of Carrizo Niobrara's Ross 1-2-8-61 location - Doc #400619495

Cynthia,

I have reviewed the referenced Form 2A Oil and Gas Location Assessment and have the following comments.

1) A review of your Location Drawing indicates that one lined Freshwater Storage Pit will be on this oil and gas location. Therefore, I will add it to the Facilities section of the Form 2A.

Doug, after further review (and after submittal of the 2A) the engineers have determined that they will use the State 16-11-9-60H Pit (424690). I apologize for the confusion.

2) In the Construction section you have indicated the date planned to begin interim reclamation is 6/1/15. This is six months after construction is planned to commence which is not in compliance with Rule 1003.b. For locations on Cropland (you have indicated this oil and gas location is on CRP land - a type of Cropland), interim reclamation shall occur no later than three months after construction begins. Please provide me with a revised date interim reclamation will begin on this oil and gas location.

3/1/2015

3) Because this oil and gas location is within the Upper Crow Creek Designated Groundwater Basin, it is by definition a Sensitive Area. Therefore, in the Water Resources section I will change the Sensitive Area designation from NO to YES.

Thank you

4) A review of your Access Road Map indicates your proposed Access Road will cross several different properties (Vawter, Sievers, Mauck & Poppe) other than the surface owner where this oil and gas location is located. Has Carrizo Niobrara obtained signed Surface Use Agreements from all surface owners to construct your proposed Access Road across their property?

Our Land department is in negotiations to obtain a surface use agreement from Vawter.

Please respond to this correspondence with the requested items by July 12, 2014. If you have any questions please feel free to contact me. Thank you.

--

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



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Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Cynthia Pinel <Cynthia.Pinel@crzo.net>

Tue, Jun 17, 2014 at 8:28 AM

Cynthia,

Thank you for the follow-up information. I'm curious though as to why Carrizo would be using the State 16-11-9-60H Pit as it is located more than 5 miles away from this oil and gas location? It seems your nearby Vawter 11-41-8-61 Pit to the south would make more sense as your Access Road will go right by that location.

I'm glad to hear that your Land Department is working on obtaining a surface use agreement from the Vawters. However, that still does not address my original concern as your proposed Access Road also crosses the Sievers, Mauck, & Poppe properties. Has Carrizo at least contacted all of these property owners and made them aware of your proposed Access Road going across their property?

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Cynthia Pinel <Cynthia.Pinel@crzo.net>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Wed, Jun 18, 2014 at 7:43 AM

Doug,

Sorry it took me a while to get back to you on this. As far as the State 16 freshwater pit's location, the five mile stretch is achievable due to the fact that we use above ground lay-flat hoses for water transfer.

There is a minimum pressure used to pump and leaking is prevented as well. The only issue with using these hoses is possible freezing during the winter. Completion engineer ensures we are capable of transferring water up to 5 miles with these hoses. The Vawter surface owner is giving us a more difficult time in using the pit and his access road so we are only asking for access road approval.

In regards to the surface use agreements. The lease that we have currently, according to our Land department, gives us the right to access the Ross pad location across Sievers, Mauck , Poppe and Tobler. However, in addition to the lease agreement Land is also securing an easement with each surface owner as well.

Please let me know if this answers your questions. Thanks Doug!

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]

Sent: Tuesday, June 17, 2014 9:29 AM

To: Cynthia Pinel

Subject: Re: COGCC Form 2A review of Carrizo Niobrara's Ross 1-2-8-61 location - Doc #400619495

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