



STATE OF COLORADO

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

COGCC Form 2A review of Kerr McGee's ENCORE TANK BATTERY 41N-12HZ location - Doc #400765754

5 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: "Light, Cheryl" <cheryl.light@anadarko.com>

Fri, Apr 3, 2015 at 1:33 PM

Cheryl,

I have completed my review of the referenced Form 2A Oil & Gas Location Assessment and have the following comments.

1) Your Facility Layout Drawing does not match with the Facilities list on the Form 2A. For example, you have indicated there will be 14 condensate tanks and three water tanks, yet the Facility Layout Drawing depicts only one condensate tank and one water tank. Similar discrepancies exist for the separators, vapor recovery units, VOC combustors, and LACT unit. Please revise the Facility Layout Drawing such that it depicts the entire oil and gas location and all facilities listed in the Facilities section of the Form 2A.

2) Please confirm whether the listed distances to the Cultural features from the nearest Production Facility are based on the existing production facilities arrangement or the proposed production facilities arrangement. Because you will be replacing the existing production facilities with new ones, we'd like to see the distances in the Cultural section to be from the new production facilities.

3) In the Water resources section you have indicated the nearest downgradient surface water feature is greater than a mile from this proposed oil and gas location. However, a review of the USGS Topographic Map indicates the Loveland and Greeley Canal is located approximately 3,650 feet south at an elevation of 4,950 feet. This is approximately 30 feet lower in elevation than your existing oil and gas location and topographically downgradient. Therefore, I would like to change that distance from 5,280 feet to 3,650 feet.

4) You have indicated that you will utilize a lease Access Road from County Road 3 for drilling and production operations and maintenance equipment. However there is already an existing lease Access Road that comes into this oil and gas location from your MIRACLE 13-12 location to the south that was approved when this oil and location was originally permitted in 2010. Why is Kerr McGee proposing to construct an additional Access Road to this location when an existing lease Access Road is already present? Per COGCC Rule 1002.e.(4) "*Access roads - Existing roads shall be used to the greatest extent practicable to avoid erosion and minimize the land area devoted to oil and gas operations.*"

5) Now that the Public Comment period for this Form 2A is over, please send me a letter certifying Kerr-McGee's compliance with COGCC Rule 306.e. Please indicate in the letter if any meetings/consultations were requested, and if they were requested what the outcome was.

Please respond to this correspondence by May 3, 2015. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



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

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

Thu, Apr 9, 2015 at 8:25 AM

Ronett,

Here is my email to Cheryl for the ENCORE TANK BATTERY location.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



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

[Quoted text hidden]

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: "Light, Cheryl" <cheryl.light@anadarko.com>

Fri, Apr 24, 2015 at 3:28 PM

Cheryl,

Here is my email I sent to you back on April 3 and Ronett on April 9. Ronett has provided me with the Rule 306.e. Certification I asked for in my Comment #5.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



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

----- Forwarded message -----

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

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

Fri, Apr 24, 2015 at 4:31 PM

1) Your Facility Layout Drawing does not match with the Facilities list on the Form 2A. For example, you have indicated there will be 14 condensate tanks and three water tanks, yet the Facility Layout Drawing depicts only one condensate tank and one water tank. Similar discrepancies exist for the separators, vapor recovery units, VOC combustors, and LACT unit. Please revise the Facility Layout Drawing such that it depicts the entire oil and gas location and all facilities listed in the Facilities section of the Form 2A. **I think the wrong layout drawing was attached. There are only 11 Condensate Tanks. The drawing I have attached matches those numbers.**

2) Please confirm whether the listed distances to the Cultural features from the nearest Production Facility are based on the existing production facilities arrangement or the proposed production facilities arrangement. Because you will be replacing the existing production facilities with new ones, we'd like to see the distances in the Cultural section to be from the new production facilities. **Distances are measured from the new facilities.**

In the Water resources section you have indicated the nearest downgradient surface water feature is greater than a mile from this proposed oil and gas location. However, a review of the USGS Topographic Map indicates the Loveland and Greeley Canal is located approximately 3,650 feet south at an elevation of 4,950 feet. This is approximately 30 feet lower in elevation than your existing oil and gas location and topographically downgradient. Therefore, I would like to change that distance from 5,280 feet to 3,650 feet. **Please change to 3,650'.**

5) Now that the Public Comment period for this Form 2A is over, please send me a letter certifying Kerr-McGee's compliance with COGCC Rule 306.e. Please indicate in the letter if any meetings/consultations were requested, and if they were requested what the outcome was. **Letter sent 04/09/15.**

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

Sent: Friday, April 24, 2015 3:28 PM

To: Light, Cheryl

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[Quoted text hidden]

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2 attachments

 **ENCORE TB 41N-12HZ FACILITY LAYOUT COUNT.pdf**
38K

 **ENCORE TB 41N-12HZ FACILITY LAYOUT DIAGRAM.pdf**
305K

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

Mon, Apr 27, 2015 at 8:48 AM

4) You have indicated that you will utilize a lease Access Road from County Road 3 for drilling and production operations and maintenance equipment. However there is already an existing lease Access Road that comes into this oil and gas location from your MIRACLE 13-12 location to the south that was approved when this oil and location was originally permitted in 2010. Why is Kerr McGee proposing to construct an additional Access Road to this location when an existing lease Access Road is already present? Per COGCC Rule 1002.e.(4) "*Access roads - Existing roads shall be used to the greatest extent practicable to avoid erosion and minimize the land area devoted to oil and gas operations.*" **The proposed access is an existing access used by the Town of Johnstown to access their water tower. We told Johnstown that, in exchange for them allowing us to us the road, we will maintain it for them.**

I think I have sent you everything you need from this e-mail. Let me know if we are still missing something.

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Friday, April 24, 2015 3:28 PM
To: Light, Cheryl

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