



STATE OF
COLORADO

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

COGCC Form 2A review of Caerus Washco's K&H Rances MN 1-661 Production Pad location - Doc #401142282

3 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Reed Haddock <rhaddock@caerusoilandgas.com>

Thu, Dec 8, 2016 at 10:33 AM

Reed,

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

- 1) Because the well pad for this production facility pad is being permitted as separate remote Oil & Gas Location, it is necessary to list its Form 2A (Doc #400891513) in the Related Remote Locations section of this Form 2A. I can make this update on the 2A for you.
- 2) On your Production Facility Diagram you have depicted four (4) meter skid & automation buildings. If this diagram is correct and Caerus Washco will have these four pieces of equipment on this Oil & Gas Location, I would like to add them to the Other facilities section of the Form 2A.
- 3) Location Pictures are a required attachment for every Form 2A; however, no Location Pictures were included. Please provide me with the Location Pictures for this production pad location and I will add them to the Form 2A.
- 4) You have indicated there will be two MLVTs on this Oil & Gas Location. Per the COGCC Policy on the Use of MLVTs the following missing information is required to be included on the Form 2A: the anticipated timeframe the MLVTs will be onsite and a BMP statement from Caerus Washco indicating the MLVTs will be designed and implemented consistent with the COGCC Policy on the Use of MLVTs. Please provide me this missing information regarding the MLVTs and I will add it to the Form 2A.

Please respond to this correspondence concurring with theses changes by January 8, 2017. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



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

Reed Haddock <rhaddock@caerusoilandgas.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Thu, Dec 8, 2016 at 11:23 AM

Doug:

Below find my answers in green. If you have any other questions let me know. Reed

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Thursday, December 08, 2016 10:34 AM
To: Reed Haddock <rhaddock@caerusoilandgas.com>
Subject: COGCC Form 2A review of Caerus Washco's K&H Rances MN 1-661 Production Pad location - Doc #401142282

Reed,

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

- 1) Because the well pad for this production facility pad is being permitted as separate remote Oil & Gas Location, it is necessary to list its Form 2A (Doc #400891513) in the Related Remote Locations section of this Form 2A. I can make this update on the 2A for you. **Thanks for doing this!**
- 2) On your Production Facility Diagram you have depicted four (4) meter skid & automation buildings. If this diagram is correct and Caerus Washco will have these four pieces of equipment on this Oil & Gas Location, I would like to add them to the Other facilities section of the Form 2A. **Thanks for doing this! At this time, we want to plan for four but this could be reduced once we know results.**
- 3) Location Pictures are a required attachment for every Form 2A; however, no Location Pictures were included. Please provide me with the Location Pictures for this production pad location and I will add them to the Form 2A. **Pictures will be obtained Dec. 13 and provided to you later that week.**
- 4) You have indicated there will be two MLVTs on this Oil & Gas Location. Per the COGCC Policy on the Use of MLVTs the following missing information is required to be included on the Form 2A: the anticipated timeframe the MLVTs will be onsite and a BMP statement from Caerus Washco indicating the MLVTs will be designed and implemented consistent with the COGCC Policy on the Use of MLVTs. Please provide me this missing information regarding the MLVTs and I will add it to the Form 2A. **Caerus Washco LLC anticipate the MLVTs to be on ground no more than 70 days. Each tank has a capacity of 40,000 bbls. The tanks design and installation will follow COGCC's "Policy on the Use of Modular Large Volume Tanks in Colorado".**

Please respond to this correspondence concurring with theses changes by January 8, 2017. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



1120 Lincoln St., Suite 801

Denver, CO 80203

doug.andrews@state.co.us

303-894-2100 Ext. 5180

Reed Haddock <rhaddock@caerusoilandgas.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Thu, Dec 15, 2016 at 7:57 AM

Doug:

See attached. Here are the photos we got for the production pad. Problem is the "title" needs to be fix. It still is listed as "well pad" when it should be "production pad" Reed

From: Reed Haddock
Sent: Thursday, December 08, 2016 11:24 AM
To: 'Andrews - DNR, Doug' <doug.andrews@state.co.us>
Subject: RE: COGCC Form 2A review of Caerus Washco's K&H Rances MN 1-661 Production Pad location - Doc #401142282

Doug:

Below find my answers in green. If you have any other questions let me know. Reed

From: Andrews - DNR, Doug [<mailto:doug.andrews@state.co.us>]
Sent: Thursday, December 08, 2016 10:34 AM
To: Reed Haddock <rhaddock@caerusoilandgas.com>
Subject: COGCC Form 2A review of Caerus Washco's K&H Rances MN 1-661 Production Pad location - Doc #401142282

Reed,

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

1) Because the well pad for this production facility pad is being permitted as separate remote Oil & Gas Location, it is necessary to list its Form 2A (Doc #400891513) in the Related Remote Locations section of this Form 2A. I can make this update on the 2A for you. **Thanks for doing this!**

2) On your Production Facility Diagram you have depicted four (4) meter skid & automation buildings. If this diagram is correct and Caerus Washco will have these four pieces of equipment on this Oil & Gas Location, I would like to add them to the Other facilities section of the Form 2A. Thanks for doing this! At this time, we want to plan for four but this could be reduced once we know results.

3) Location Pictures are a required attachment for every Form 2A; however, no Location Pictures were included. Please provide me with the Location Pictures for this production pad location and I will add them to the Form 2A. Pictures will be obtained Dec. 13 and provided to you later that week.

4) You have indicated there will be two MLVTs on this Oil & Gas Location. Per the COGCC Policy on the Use of MLVTs the following missing information is required to be included on the Form 2A: the anticipated timeframe the MLVTs will be onsite and a BMP statement from Caerus Washco indicating the MLVTs will be designed and implemented consistent with the COGCC Policy on the Use of MLVTs. Please provide me this missing information regarding the MLVTs and I will add it to the Form 2A. Caerus Washco LLC anticipate the MLVTs to be on ground no more than 70 days. Each tank has a capacity of 40,000 bbls. The tanks design and installation will follow COGCC's "Policy on the Use of Modular Large Volume Tanks in Colorado".

Please respond to this correspondence concurring with theses changes by January 8, 2017. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



1120 Lincoln St., Suite 801

Denver, CO 80203

doug.andrews@state.co.us

303-894-2100 Ext. 5180

2 attachments



K&H RANCHES MN 1-661 - Production Pad Photos - 12-15-2016.pdf
281K



K&H RANCHES MN 1-661 - Production Pad Ref. Photos - 12-15-2016.pdf
308K