

STATE OF
COLORADO

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

RE: [EXTERNAL] :PDC Elkhead-Vega doc no 401557641

4 messages

Alexandria Ota <Alexandria.Ota@pdce.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Mon, Apr 16, 2018 at 10:04 AM

Good Morning Rebecca,

Hope you had a nice weekend. Please see my responses below. Also, I have requested the 306e Meeting Certification Letter from our Evans office and will forward it as soon as I receive it.

Let me know if you need anything else in the meantime. Thank you!

Ally Ota | Regulatory Technician | PDC Energy, Inc. | O: 303-831-3931 | F: 303-860-5838

From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Wednesday, April 11, 2018 4:25 PM
To: Alexandria Ota <Alexandria.Ota@pdce.com>
Subject: [EXTERNAL] :PDC Elkhead-Vega doc no 401557641

Ally,

COGCC is in the process of reviewing the PDC Elkhead-Vega Form 2A (doc no 401557641). In order to complete our review, please address the following:

1. Please confirm oil based mud will not be used for drilling.

PDC is not currently planning on using oil based mud on this location.

2. For the current land use, it appears to be mostly a spread field from the pictures. With your concurrence I will un-check the irrigated crop land

Yes, this is fine.

3. For the future land use – please provide what the land use will be in the future as the spread field will be closed at the time of construction.

Future land use will be Non-crop land: Rangeland

4. The Sundry regarding the location as beneficial reuse (doc no 400950639) states groundwater was encountered at approximately 20 feet below ground surface. With your concurrence I will change the depth to groundwater to 20 feet and make a note regarding the depth was determined from sampling.

This is fine.

5. For protection of the nearby surface water body, please provide more site specific engineering controls that might be used at the location.

PDC will implement best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the pond located approximately 86 feet of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products.

6. BMP #15 references condensate storage tanks. The facilities list has oil tanks and not condensate tanks. Please clarify which will be on the location.

The BMP should reference both condensate & oil tanks. Please replace it with the following :

604c.(2).R. Tank Specifications: Crude oil & condensate storage tanks will be designed, constructed and maintained in accordance with National Fire Protection Association (NFPA) Code 30 (2008 version). PDC will maintain written records to verify proper design, construction and maintenance. All records will be available for inspection by the Director.

7. I am working with the Environmental Protection group on a specific COA regarding the full closure of the spread field prior to construction of the location per the land application permit. Please provide a date for the first land application at the location.

The facility first accepted water-based bentonite drill cuttings on December 8, 2015.

Please let me know if you have questions or would like to discuss any of the above further.

Thank you,

Rebecca Treitz

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Rebecca Treitz

Oil and Gas Location Assessment Specialist

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Alexandria Ota <Alexandria.Ota@pdce.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Fri, Apr 20, 2018 at 1:15 PM

Hi Rebecca,

Please see attached 306e Meeting Certification Letter.

Let me know if you need anything else. Thank you and have a great weekend!



Ally Ota | Regulatory Technician | PDC Energy, Inc. | O: 303-831-3931 | F: 303-860-5838

From: Alexandria Ota
Sent: Monday, April 16, 2018 10:04 AM
To: 'Treitz - DNR, Rebecca' <rebecca.treitz@state.co.us>
Subject: RE: [EXTERNAL] :PDC Elkhead-Vega doc no 401557641

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306e Meeting Requirements Certification Letter to Director_MEETING REQUE....pdf
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Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Alexandria Ota <Alexandria.Ota@pdce.com>

Thu, Sep 13, 2018 at 10:27 AM

Ally,
As this is still an active spread fields, when and what procedures will be done between the closing of the spread fields and the drilling of the wells?

thanks,
Rebecca

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Alexandria Ota <Alexandria.Ota@pdce.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, Sep 13, 2018 at 1:53 PM

Hi Rebecca,

Our environmental group said we will conduct pre-closure samples around 3 months post closure (so February 2019), if those results are unfavorable we will amend the location and sample again.

Please let me know if you still need additional information on this.



Ally Ota | Regulatory Technician | PDC Energy, Inc. | O: 303-831-3931 | C: 435-671-7477

From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Thursday, September 13, 2018 10:28 AM
To: Alexandria Ota <Alexandria.Ota@pdce.com>
Subject: Re: [EXTERNAL] :PDC Elkhead-Vega doc no 401557641

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