



STATE OF
COLORADO

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

Rinn Valley East doc no 401615946

4 messages

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Kelsi Welch <kwelch@extractionog.com>

Mon, Jun 25, 2018 at 3:36 PM

Kelsi,

COGCC is in the process of reviewing the Form 2A for Rinn Valley East (doc no 401615946). In order to complete our review, please address the following:

1. Based on previous conversations, I will check the CPW consult for SWH area box. I will also add Brandon's comment regarding timing stipulations for the Eagles roost in the previous email.
2. The disturbed area for the location appears to cross NRCS Map unit #47. I will add the description to the 2A; please provide the NRCS Map Unit description attachment.
3. Based on the depth to water being less than 20 feet, I will change the water resources sensitive area determination from "No" to "Yes" with your concurrence.
4. Under the BMP section, please address the following:
 - a. For BMP #2, where will the pit level indicators be used? On completions or flowback tanks? Will there be temporary completions tanks at this locations?
 - b. Please provide examples of stormwater mitigation measures that may be used at this location.
 - c. This location is for wells only, un less temporary tanks will be used, I will remove BMP #12 and 13 regarding berming and tank construction.
 - d. Will guy line anchors be used as indicated in BMP #18?
 - e. Please provide site specific information regarding noise mitigation for the location under BMP#19.
 - f. Please provide information regarding flowback and flaring for BMP #20.
5. Please provide an access road map depicting the access road from CR 20.5
6. Please provide further information for waste management or an updated waste management plan describing the beneficial reuse/land application of water based cuttings with a facility ID.
7. Please provide a 306.e. certification after the public comment period closes on June 26. Please let COGCC know if there have been any communications or interactions with the two building unit owners to the north and southeast of the location.

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

Thank you,

Rebecca

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Rebecca Treitz
Oil and Gas Location Assessment Specialist
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1120 Lincoln Street, Suite 801, Denver, CO 80203
Rebecca.Treitz@state.co.us | www.colorado.gov/cogcc

Kelsi Welch <kwelch@extractionog.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Tue, Jun 26, 2018 at 9:04 AM

Hi Rebecca,

Please see my responses below in red. Please let me know if this all works for you or if you need anything else!

Thanks Rebecca!

Kelsi

From: Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
Sent: Monday, June 25, 2018 3:36 PM
To: Kelsi Welch <kwelch@extractionog.com>
Subject: Rinn Valley East doc no 401615946

Kelsi,

COGCC is in the process of reviewing the Form 2A for Rinn Valley East (doc no 401615946). In order to complete our review, please address the following:

1. Based on previous conversations, I will check the CPW consult for SWH area box. I will also add Brandon's comment regarding timing stipulations for the Eagles roost in the previous email. **This is fine.**
2. The disturbed area for the location appears to cross NRCS Map unit #47. I will add the description to the 2A; please provide the NRCS Map Unit description attachment. **Please see attached.**
3. Based on the depth to water being less than 20 feet, I will change the water resources sensitive area determination from "No" to "Yes" with your concurrence. **That is fine with me.**
4. Under the BMP section, please address the following:
 - a. For BMP #2, where will the pit level indicators be used? On completions or flowback tanks? Will there be temporary completions tanks at this locations? **For this well pad, we will just have flowback tanks so they pit level indicators will be used on those.**
 - b. Please provide examples of stormwater mitigation measures that may be used at this location. **Swales around the perimeter of location with use of a sediment base.**
 - c. This location is for wells only, un less temporary tanks will be used, I will remove BMP #12 and 13 regarding berming and tank construction. **Yes, please go ahead and remove.**
 - d. Will guy line anchors be used as indicated in BMP #18? **Please go ahead and remove this one – our new rig is equipped with base beams so we don't need them, my mistake.**
 - e. Please provide site specific information regarding noise mitigation for the location under BMP#19. **We plan to utilize sound walls and/or hay bales to surround the location (based on availability).**
 - f. Please provide information regarding flowback and flaring for BMP #20. **During flowback, production will be sent through a high pressure separator and into separate sealed oil and water tanks. The tanks will have a dedicated VOC line to capture any vapors. VOC lines are routed a minimum of 75' away from the tanks to a combustor to burn. Any sales gas from the separator will be routed a minimum of 75' away to an enclosed combustor to burn. This is only until the well cleans up to the point that it can go down the flowline to the production facility.**
5. Please provide an access road map depicting the access road from CR 20.5 **Please see attached.**
6. Please provide further information for waste management or an updated waste management plan describing the beneficial reuse/land application of water based cuttings with a facility ID. **Please see attached for specifics on our waste management plan regarding beneficial reuse/land application of water based cuttings. We use COGCC facility # 449314.**
7. Please provide a 306.e. certification after the public comment period closes on June 26. Please let COGCC know if there have been any communications or interactions with the two building unit owners to the north and

southeast of the location. **Please see attached.**

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

Thank you,

Rebecca

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Rebecca Treitz

Oil and Gas Location Assessment Specialist

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4 attachments

 **Map Unit Description_ Olney fine sandy loam, 1 to 3 percent slopes---Weld County, Colorado, Southern Part.pdf**
83K

 **006a Access Road Maps_RVE.PDF**
1147K

 **Waste Management Plan_Land Application of Water-Based Bentonitic Drill Cuttings.pdf**
361K

 **306 e Certification Letter to The Director - Consultation.pdf**
121K

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Kelsi Welch <kwelch@extractionog.com>

Tue, Jun 26, 2018 at 12:02 PM

Kelsi,

Thank you for the information. The 306.e. needs to be post the closure of the public comment, which ends today. Please resend the 306.e. after the public comment period closes. For the sound walls, will they be placed around the entire facility or on certain sides?

How long are the flowback tanks anticipated to be on the location?

Thanks again,
Rebecca

[Quoted text hidden]

Kelsi Welch <kwelch@extractionog.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Wed, Jun 27, 2018 at 10:20 AM

Good morning Rebecca!

Please see the 306.e cert dated for today attached.

The sound walls/ haybales are planned for the north, east and south sides of the location. There will also be ~300' of wall on the west side of the location.

The flowback tanks are anticipated to be on location for ~90 days.

Please let me know if you need anything additional.

Thank you!

Kelsi

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

Sent: Tuesday, June 26, 2018 12:03 PM

To: Kelsi Welch <kwelch@extractionog.com>

Subject: Re: Rinn Valley East doc no 401615946

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306 e Certification Letter to The Director - Consultation.pdf
91K