

STATE OF
COLORADO

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

COGCC Form 2A review of Verdad's YOUNG 01N-65W-28 location - Doc #400695383

2 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Shauna DeMattee <sdemattee@progressivepcs.net>

Mon, Oct 20, 2014 at 11:14 AM

Shauna,

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

- 1) It appears that a portion of the proposed oil and gas location where the production facilities will be placed will overlap onto the 45-Olney loamy sand, 3-5 percent slopes NRCS Soil Map Unit. Please provide me with that NRCS Soil Map Unit Description and I will add it to the Form 2A.
- 2) Because the Land Use for this proposed oil and gas location is Irrigated Cropland, the Plant Community Section and Reference Area attachments are not required. Therefore, I have removed them from this Form 2A.
- 3) Due to the proximity of the nearest downgradient surface water feature (365 feet), the nearest water well (329 feet) and the estimated depth to groundwater (18 feet), I will change the Sensitive Area designation from NO to YES in the Water Resources section of the Form 2A.
- 4) Because this proposed oil and gas location is within the Buffer Zone (two Building Units within 1,000 feet), please provide me with an additional Rule 604.c.(2) mitigation measure that covers Verdad's proposed Noise mitigation for this oil and gas location. Also, if any visual impact mitigation will be conducted, please also provide that information as well.
- 5) Your BMP concerning Multi-well Pads is insufficient. We are looking for Verdad to address with more detail than was provided the following requirement in COGCC Rule 604.c.(2)E.i - *"Multi -well production facilities shall be located as far as possible from Building Units."* Specifically, how does this location maintain the highest distance possible from the offsetting residential areas?

Please respond to this correspondence by November 20, 2014. If you have any questions, please 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
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303-894-2100 Ext. 5180

Shauna DeMattee <sdemattee@progressivepcs.net>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Tue, Oct 21, 2014 at 1:34 PM

Hi Doug,

Please see Verdad's responses below to your corresponding questions:

1.) Please find attached the NRCS Soil and Map description for Map Unit Symbol 4-Olney Loamy Sand, 3 to 5 percent slopes.

3.) Can you please clarify how we can determine the sensitive area designation under the water resources tab? Is this determined by the depth to groundwater? I just want to make sure I am marking YES or NO correctly.

4.) Can you please insert the following BMP, "Verdad will install a sound barrier on the Eastern & Northern side of the location in order to mitigate noise pollution for the offset building unit owners."

5.) Verdad's correspondence with the landowner and its SUA indicated that the tanks should be as close to the Northern property line as possible to maximize landowners plantable land once the location was reclaimed.

I hope this clears up any questions you had on this Form 2A. Please let me know if you need further information.

Sincerely,

Shauna DeMattee

Director of Business Development/ Regulatory Analyst

Progressive Consulting

P.O. Box 863, Lafayette, CO 80026

Cell: 720-299-4495

<http://www.progressivepcs.net/>

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

Sent: Monday, October 20, 2014 11:14 AM

To: Shauna DeMattee

Subject: COGCC Form 2A review of Verdad's YOUNG 01N-65W-28 location - Doc #400695383

Shauna,

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

1) It appears that a portion of the proposed oil and gas location where the production facilities will be placed will overlap onto the 45-Olney loamy sand, 3-5 percent slopes NRCS Soil Map Unit. Please provide me with that NRCS Soil Map Unit Description and I will add it to the Form 2A.

2) Because the Land Use for this proposed oil and gas location is Irrigated Cropland, the Plant Community Section and Reference Area attachments are not required. Therefore, I have removed them from this Form 2A.

3) Due to the proximity of the nearest downgradient surface water feature (365 feet), the nearest water well (329 feet) and the estimated depth to groundwater (18 feet), I will change the Sensitive Area designation from NO to YES in the Water Resources section of the Form 2A.

4) Because this proposed oil and gas location is within the Buffer Zone (two Building Units within 1,000 feet), please provide me with an additional Rule 604.c.(2) mitigation measure that covers Verdad's proposed Noise mitigation for this oil and gas location. Also, if any visual impact mitigation will be conducted, please also provide that information as well.

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Map Unit 45 - Olney Loamy Sand, 3 to 5 percent.pdf

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