

STATE OF  
COLORADO

Andrews - DNR, Doug &lt;doug.andrews@state.co.us&gt;

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**COGCC Form 2A review of PDC Energy's Chesnut 5N64W21YTQ location - Doc #400944943**

2 messages

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**Andrews - DNR, Doug** <doug.andrews@state.co.us>  
To: Kelsi Welch <Kelsi.Welch@pdce.com>

Thu, Jan 7, 2016 at 8:13 AM

Kelsi,

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

- 1) In the Soil section you have indicated the NRCS Map Unit that this proposed Oil & Gas Location is within is the 50-Otero sandy loam, 0-1% slopes. However, during my review it appears that it lies within the 70-Valent sand, 3-9% slopes and 76-Vona sandy loam, 1-3% slopes NRCS Map Units. Please send me those two NRCS Map Unit Descriptions and I will replace them on the Form 2A.
- 2) In the Water Resources section you have indicated the nearest water well is 148 feet from the proposed Oil & Gas Location. However, there are no water wells identified on your Location Drawing within the 500 foot improvement buffer. Please confirm with your surveyors if any water wells were identified within 500 feet of the proposed Oil & Gas Location. If not, please provide me with a revised distance to the nearest water well.
- 3) In the Water Resources section you have indicated this proposed Oil & Gas Location is a sensitive area due to shallow groundwater, yet the Sensitive Area designation is checked as NO. I would like to change it to indicate YES.
- 4) You have provided a Noise Mitigation Best Management Practice that indicates "*A review was conducted to identify potential receptors within 1000 feet of the proposed pad site. There are 5 building units of concern located 437 feet south-east, 630 feet south-east, 732 feet south-east, 922 feet north, and 945 feet north. Light and sound mitigation will be installed to the south-east of the proposed location.*" Why will there be no light and noise mitigation for the Building Units to the north?
- 5) I would like to add the following Condition of Approval to the Form 2A: "Operator shall post an approved copy of the Form 2A Oil & Gas Location Assessment on location during all construction, drilling, and completion operations."
- 6) Now that the Public Comment period has ended, please send me a signed letter certifying PDC Energy's compliance with COGCC Rule 305.a., 305.c., and 306.e. If any meetings or consultations were requested and held, please also indicate their outcome.

Please respond to this correspondence by February 7, 2016. If you have any comments, please contact me. Thank you.

**Doug Andrews**

Oil &amp; Gas Location Assessment Specialist - Northeast Area

**COLORADO**Oil & Gas Conservation  
Commission

Department of Natural Resources

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**Kelsi Welch** <[Kelsi.Welch@pdce.com](mailto:Kelsi.Welch@pdce.com)>  
To: "Andrews - DNR, Doug" <[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)>

Mon, Jan 11, 2016 at 9:06 AM

Hi Doug,

Please see my responses below:

- 1) Please see attached.
- 2) Please use 1076' to nearest water well.
- 3) Please change to yes.
- 4) The wells are over 1000 feet away from the building units to the north. If at the time of operations we receive any complaints we will go out and install sound mitigation at that time.
- 5) COA is fine.
- 6) Please see attached.

Please let me know if you need anything else on this.

Thanks!

Kelsi

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

**Sent:** Thursday, January 07, 2016 8:14 AM

**To:** Kelsi Welch

**Subject:** COGCC Form 2A review of PDC Energy's Chesnut 5N64W21YTQ location - Doc #400944943

[Quoted text hidden]

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**3 attachments**

 **20160111\_09573509894\_14\_Map\_Unit\_Description\_Valent\_sand\_3\_to\_9\_percent\_slopes--Weld\_County\_Colorado\_Southern\_Pa.pdf**  
124K

 **20160111\_09581709484\_21\_Map\_Unit\_Description\_Vona\_sandy\_loam\_1\_to\_3\_percent\_slopes--Weld\_County\_Colorado\_Souther.pdf**  
121K

 **306e Meeting Requirements Certification Letter to Director\_NO MEETING\_CHESNUT 5N64W21YTQ.pdf**  
83K