

**STATE OF
COLORADO**

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

COGCC Form 2A review of Carrizon Niobrara's Hemberger 7-26-8-60 PAD - Doc #4005817104 messages

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

Thu, Apr 17, 2014 at 9:31 AM

To: Cynthia Pinel <cynthia.pinel@crzo.net>, Barbara Westerdale - DNR <barbara.westerdale@state.co.us>

Cynthia,

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

- 1) You have listed a Freshwater Storage Pit for this proposed oil and gas location, but it appears this will actually be the existing Freshwater Pit on the adjacent Hemberger 26-34-8-60 Pad that you are expanding. Since this Freshwater Pit will not be on this oil and gas location, I will remove it from the Facilities and Best Management Practices section.
- 2) You have indicated the right to construct this oil and gas location is granted by Bond. However, the immediately adjacent Hemberger 26-34-8-60 Pad right to construct was granted by a Surface Use Agreement. Considering that your Location Drawing does not indicate there is a property line between these two oil and gas locations and the signed Surface Use Agreement for the adjacent Hemberger 26-34-8-60 Pad is with the same surface owner (Clyde & Janine Hemberger), why are you Bonding on to this location?
- 3) In the Cultural Distance section you have indicated the distance to the nearest property line is 54 feet. From your Location Drawing this appears to be measured from proposed separation facilities. Please also provide me with the distance to the nearest property line as measured from the nearest proposed well.
- 4) During my review it appears the proposed oil and gas location disturbance will overlap onto the 40-Nunn loam, 0-6 percent slopes NRCS Map Unit and not the 4-Ascalon fine sandy loam, 0-6 percent slopes NRCS Map Unit. Please provide me with the NRCS Soil Map Description for the 40-Nunn loam NRCS soil unit and I will add it to the Form 2A.

Please respond to this correspondence with the requested information by May 17, 2014. If you have any questions, please feel free to contact me. Thank you.

—

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area

**COLORADO**
Oil & Gas Conservation
Commission
Department of Natural Resources

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303-894-2100 Ext. 5180

Westerdale - DNR, Barbara <barbara.westerdale@state.co.us>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Cynthia Pinel <cynthia.pinel@crzo.net>

Thu, Apr 17, 2014 at 12:30 PM

Hello,

Kevin Home with Carrizo has sent me a copy of the SUA for the S/2SE/4 of Section 26 that I will attach to the 2A currently in process for the SWSE of that section.
He is checking on the SUA for Section 25.

It is always preferable to use SUA for right to construct rather than bonding on, particularly if there is an existing SUA.

Thanks,

[Quoted text hidden]

—

Barbara Westerdale

Permit/Completion Tech



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Cynthia Pinel <Cynthia.Pinel@crzo.net>

Tue, Apr 22, 2014 at 7:41 AM

To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>, Barbara Westerdale - DNR <barbara.westerdale@state.co.us>

Doug please see my responses in **PURPLE**

Cynthia Pinel

Regulatory Compliance Analyst

500 Dallas, Suite 2300

Houston, TX 77002

713.358.6210 (Direct)

Cynthia.pinel@crzo.net



From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Thursday, April 17, 2014 10:32 AM
To: Cynthia Pinel; Barbara Westerdale - DNR
Subject: COGCC Form 2A review of Carrizon Niobrara's Hemberger 7-26-8-60 PAD - Doc #400581710

Cynthia,

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

1) You have listed a Freshwater Storage Pit for this proposed oil and gas location, but it appears this will actually be the existing Freshwater Pit on the adjacent Hemberger 26-34-8-60 Pad that you are expanding. Since this Freshwater Pit will not be on this oil and gas location, I will remove it from the Facilities and Best Management Practices section. **Thank you**

2) You have indicated the right to construct this oil and gas location is granted by Bond. However, the immediately adjacent Hemberger 26-34-8-60 Pad right to construct was granted by a Surface Use Agreement. Considering that your Location Drawing does not indicate there is a property line between these two oil and gas locations and the signed Surface Use Agreement for the adjacent Hemberger 26-34-8-60 Pad is with the same surface owner (Clyde & Janine Hemberger), why are you Bonding on to this location? **The right to construct on this pad is by Surface Use Agreement. I apologize for the confusion. Kevin Horne and I spoke with Barbara yesterday and the existing Surface use agreement is what we will be using.**

3) In the Cultural Distance section you have indicated the distance to the nearest property line is 54 feet. From your Location Drawing this appears to be measured from proposed separation facilities. Please also provide me with the distance to the nearest property line as measured from the nearest proposed well. **I spoke with our surveyor in regards to his measurement. He explained to me that his understanding when measuring is that it would be from the center of the nearest well or edge of the nearest Production facility and that is why he measured from the edge of the separation facility. Please let me know if you still would like this corrected.**

4) During my review it appears the proposed oil and gas location disturbance will overlap onto the 40-Nunn loam, 0-6 percent slopes NRCS Map Unit and not the 4-Ascalon fine sandy loam, 0-6 percent slopes NRCS Map Unit. Please provide me with the NRCS Soil Map Description for the 40-Nunn loam NRCS soil unit and I will add it to the Form 2A. **40 Nunn Loam is attached**

Please respond to this correspondence with the requested information by May 17, 2014. If you

have any questions, please feel free to contact me. Thank you. **Thank you!!**

—

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area




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 **NRCS 40_Nunn loam, 0 to 6 percent slopes.pdf**
28K

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

Tue, Apr 22, 2014 at 10:34 AM

To: Cynthia Pinel <Cynthia.Pinel@crzo.net>

Cynthia,

While you are correct in what you have measured from, because the COGCC has specific setback requirements for wells I'd like to know the distance from the nearest well to the nearest property line also. This helps us know that everything on this oil and gas location meets all our setback requirements. I'm not looking to correct what you submitted, just include additional information to confirm everything on this location is placed well.

[Quoted text hidden]