

STATE OF
COLORADO

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

COGCC Form 2A review of Carrizo Niobrara's Hemberger 1-25-8-60 PAD - Doc #400578424

4 messages

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

Thu, Apr 17, 2014 at 12:58 PM

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

Cynthia,

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

- 1) You have indicated the right to construct this oil and gas location is granted by Bond. However, the nearby to the west Hemberger 26-34-8-60 Pad's right to construct was granted by a Surface Use Agreement with the same surface owner (Clyde & Janice Hemberger). Why are you Bonding on to this location?
- 2) In the Cultural Distance section you have indicated the distance to the nearest property line is 198 feet. From your Location Drawing this appears to be measured from the proposed lease check meter. Please also provide me with the distance to the nearest property line as measured from the nearest oil and gas well on this location.
- 3) In the Water Resources section you have indicated the estimated depth to groundwater is 424 feet, taken from the depth to the Fox Hills aquifer as determined by your geologist. For this question we are wanting to know the estimated depth to the shallowest groundwater at the proposed oil and gas location, not the Fox Hills aquifer. Information on the water well permit for the nearest water well (Permit #41866) indicates the depth to groundwater is approximately 63 feet. Therefore I will change the estimated depth to groundwater to 63 feet and the basis for its determination from water well Permit #41866.

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

1120 Lincoln St., Suite 801
Denver, CO 80203
doug.andrews@state.co.us
303-894-2100 Ext. 5180

Cynthia Pinel <Cynthia.Pinel@crzo.net>

Mon, Apr 21, 2014 at 7:21 AM

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

I have emails to our Land Analyst and our surveyor to answer your questions 1 and 2. Thank you for your help with #3.



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 1:58 PM

To: Cynthia Pinel

Subject: COGCC Form 2A review of Carrizo Niobrara's Hemberger 1-25-8-60 PAD - Doc #400578424

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Cynthia Pinel <Cynthia.Pinel@crzo.net>

Tue, Apr 22, 2014 at 7:47 AM

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

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From: Cynthia Pinel

Sent: Monday, April 21, 2014 8:22 AM

To: Andrews - DNR, Doug

Subject: RE: COGCC Form 2A review of Carrizo Niobrara's Hemberger 1-25-8-60 PAD - Doc #400578424

I have emails to our Land Analyst and our surveyor to answer your questions 1 and 2. Thank you for your help

with #3.

:)

Cynthia Pinel
Regulatory Compliance Analyst
500 Dallas, Suite 2300
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Cynthia.pinel@crzo.net<mailto:Cynthia.pinel@crzo.net>
[logo wrong green smallest]

From: Andrews - DNR, Doug [<mailto:doug.andrews@state.co.us>]
Sent: Thursday, April 17, 2014 1:58 PM
To: Cynthia Pinel
Subject: COGCC Form 2A review of Carrizo Niobrara's Hemberger 1-25-8-60 PAD - Doc #400578424

Cynthia,

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

1) You have indicated the right to construct this oil and gas location is granted by Bond. However, the nearby to the west Hemberger 26-34-8-60 Pad's right to construct was granted by a Surface Use Agreement with the same surface owner (Clyde & Janice Hemberger). Why are you Bonding on to this location? Kevin Horne and I spoke with Barbara in regards to this matter yesterday and the Hemberger 25 is in the process of being signed. Right to construct will be granted by Surface Use Agreement and will be forwarded ASAP.

2) In the Cultural Distance section you have indicated the distance to the nearest property line is 198 feet. From your Location Drawing this appears to be measured from the proposed lease check meter. Please also provide me with the distance to the nearest property line as measured from the nearest oil and gas well on this location. It was our surveyor's understanding that the measurement should be from the closest well or the edge of the nearest production facility and this is why he is measuring from the check meter. Please let us know if that is incorrect.

3) In the Water Resources section you have indicated the estimated depth to groundwater is 424 feet, taken from the depth to the Fox Hills aquifer as determined by your geologist. For this question we are wanting to know the estimated depth to the shallowest groundwater at the proposed oil and gas location, not the Fox Hills aquifer. Information on the water well permit for the nearest water well (Permit #41866) indicates the depth to groundwater is approximately 63 feet. Therefore I will change the estimated depth to groundwater to 63 feet and the basis for its determination from water well Permit #41866. Thank you!

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

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2 attachments



Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Cynthia Pinel <Cynthia.Pinel@crzo.net>

Tue, Apr 22, 2014 at 10:36 AM

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.

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