

STATE OF
COLORADO

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

COGCC Form 2A review of Noble Energy's LC11-13 Pad location - Doc #400900630

2 messages

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

Fri, Jan 15, 2016 at 3:28 PM

To: jan.kajiwara@nblenergy.com, Sherri Robbins <sherri.robbins@nblenergy.com>

Jan,

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

1) In the Water Resources section you have indicated the estimated depth to groundwater is 682 feet. This appears to be based on nearby water well permit #290513. However, that water well is cased from 1,215 to 1,515 feet below ground surface in the upper Pierre aquifer. Given this screened interval, it is not likely representative of the uppermost groundwater table in this area. A review of nearby water well permit #290413 indicates groundwater in this area is as shallow as 60 feet below ground surface. Therefore, I would like to change the estimated depth to groundwater from 682 feet to 60 feet.

2) From your Location Drawing it appears this proposed Oil & Gas Location will be on ground that has already been disturbed during the construction of the two nearby ponds. Recent aerial photos indicate these ponds are perfectly square, lined and filled with water. The nearby water well discussed in my comment above (Permit #290513) and located next to these ponds lists the contact as Ronald Timmerman c/o Ken Knox at Noble Energy. Was this water well drilled to supply the water for these ponds? Recent aerial photos also show a pipeline running from these ponds to several Noble Energy Rohn State well pads in Section 4 & 9 of Township 9N Range 58W. Please provide additional information concerning who owns and operates these ponds and what is being stored in them if it isn't freshwater.

Please respond to this correspondence by February 13, 2016. 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

doug.andrews@state.co.us

303-894-2100 Ext. 5180

Jan Kajiwara <Jan.Kajiwara@nblenergy.com>

Thu, Jan 21, 2016 at 11:39 AM

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

Doug,

Please see red comments below.

Let me know if you have any other concerns.

Thanks
Jan

Jan Kajiwara
Regulatory Analyst III
EHSR

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Direct: 303.228.4092 | Cell: 720.351.7600
jan.kajiwara@nblenergy.com |



From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Friday, January 15, 2016 3:29 PM
To: Jan Kajiwara; Sherri Robbins
Subject: EXTERNAL: COGCC Form 2A review of Noble Energy's LC11-13 Pad location - Doc #400900630

Jan,

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

1) In the Water Resources section you have indicated the estimated depth to groundwater is 682 feet. This appears to be based on nearby water well permit #290513. However, that water well is cased from 1,215 to 1,515 feet below ground surface in the upper Pierre aquifer. Given this screened interval, it is not likely representative of the uppermost groundwater table in this area. A review of nearby water well permit #290413 indicates groundwater in this area is as shallow as 60 feet below ground surface. Therefore, I would like to change the estimated depth to groundwater from 682 feet to 60 feet. **Yes, please change.**

2) From your Location Drawing it appears this proposed Oil & Gas Location will be on ground that has already been disturbed during the construction of the two nearby ponds. Recent aerial photos indicate these ponds are perfectly square, lined and filled with water. The nearby water well discussed in my comment above (Permit #290513) and located next to these ponds lists the contact as Ronald Timmerman c/o Ken Knox at Noble Energy. Was this water well drilled to supply the water for these ponds? Recent aerial photos also show a pipeline running from these ponds to several Noble Energy Rohn State well pads in Section 4 & 9 of Township 9N Range 58W. Please provide

additional information concerning who owns and operates these ponds and what is being stored in them if it isn't freshwater.

“Timbro Ranch & Cattle Company owns the freshwater ponds. Noble supported with nearby water well design and permitting hence the c/o Ken Knox, Noble Energy. Noble has an Agreement with Timbro to operate the ponds and utilize the freshwater for its Operations.”

Please respond to this correspondence by February 13, 2016. If you have any questions, please contact me. Thank you.



Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



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