

Koepsell, Arthur

From: SMiller@nobleenergyinc.com
Sent: Monday, July 11, 2011 3:09 PM
To: Koepsell, Arthur
Subject: Ritchey USX WW27-04 2A Document # 400178076, Noble

Noting both water well permit numbers is OK. I agree, it's strange and confusing.

Thank you.

Susan Miller
Regulatory Analyst
Noble Energy Inc.
1625 Broadway, Suite 2200, Denver, CO 80202
Direct Line: 303-228-4246
Fax: 303-228-4286
e-mail: smiller@nobleenergyinc.com

From: "Koepsell, Arthur" <Arthur.Koepsell@state.co.us>
To: <SMiller@nobleenergyinc.com>
Date: 07/11/2011 03:07 PM
Subject: RE: Ritchey USX WW27-04 2A Document # 400178076, Noble

That is strange. If I go through the COGCC link I get 231244 if I go through the public maps I get 279051. IT appears to be the same well more or less. I am going to reference both number on the 2A if that works for you.

Arthur W. Koepsell, P.G.
Oil & Gas Location Assessment Specialist
Southern Area

Oil and Gas Location Assessment
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1120 Lincoln St. Suite 801
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From: SMiller@nobleenergyinc.com [<mailto:SMiller@nobleenergyinc.com>]
Sent: Monday, July 11, 2011 2:40 PM
To: Koepsell, Arthur
Subject: Ritchey USX WW27-04 2A Document # 400178076, Noble

Hi Arthur,

Noble concurs with the change to depth to groundwater noted below for the subject permit.

Noble does not concur with noting water well permit no. 231244 as the closest water well. The CDWR original file shows permit no. 279051 on the permit documents. But a couple pages of the permit show no. 231244, but it's marked out and replaced by 279051. Also, COGIS shows 279051 as the closest water well. Permit no. 231244 is not found on the COGIS which makes this all more confusing. Comments section should note permit no. 279051.

Thank you.

Susan Miller
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From: "Koepsell, Arthur" <Arthur.Koepsell@state.co.us>
To: <SMiller@nobleenergyinc.com>
Date: 07/11/2011 01:47 PM
Subject: Ritchey USX WW27-04 2A Document # 400178076, Noble

Susan,

The COGCC is reviewing the Form 2A (#400178076) for the Noble Ritchey USX WW27-04 multi well pad location, located in the NWNW Sec 27 T1N R66W Weld County, Colorado. The COGCC requests the following changes regarding the data submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA).

Depth to groundwater: The well selected by Noble as the depth to groundwater water well permit #231244 is completed in the Laramie fox hills aquifer and is not a suitable choice for the depth to ground water for the proposed location. If the closest water well is completed in a confined aquifer is not going to be representative of the groundwater under the oil and gas location. For the 2A review the COGCC is looking for the first depth that ground water will be encountered. A review of water wells indicate that groundwater is likely to be encountered in the range of 25 feet (Permit #6178, approximately 1100 feet NW).

- The depth to groundwater should be changed to 25 feet.

Distance to nearest well: Based on a review on the COGCC database the closest water well is WW permit # 231244 not permit #279051.

- The comments section should be changed to state "Nearest well permit no. 231244 (domestic)".

Please approve the above changes via email. If you have any questions or concerns please feel free to contact me.

Thanks,

Arthur

Arthur W. Koepsell, P.G.
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