

Form 2A - 1904894
Correspondance



Halstead, Mary

From: Miller, Susan [sumiller@suncor.com]
Sent: Thursday, September 24, 2009 6:40 AM
To: Halstead, Mary
Subject: Lapp 13-35 (1904894) - Response and COA

Mary,

I'm sorry to hear you lost Jessica.

I concur with the water well information. Petro-Canada will line the drilling pit before drilling operations commence on this location.

Thank you for the sketch, it was helpful.

*Susan Miller
Regulatory Analyst
999 18th Street, Suite 600
Denver, CO 80202
Direct Line: 303-350-1212
Fax: 303-297-7708
E-mail: sumiller@suncor.com*

From: Halstead, Mary [mailto:Mary.Halstead@state.co.us]
Sent: Wednesday, September 23, 2009 5:06 PM
To: Miller, Susan
Subject: RE: info regarding permit 1904894

I apologize for the delay in getting back to you but Jessica actually works for the Executive Director's Office (EDO) and was on loan to COGCC to help with 2A review. Unfortunately she has been recalled back to the EDO for the near future. I will be following up on this Form 2A.

You are correct that water well Permit #222089 is only 176 feet further away than the water well we used (#47198). However, your recommended water well (#222089) is completed in a deeper aquifer and is screened from a depth of 230 to 290 feet. This deeper aquifer does not represent the surficial aquifer conditions. There is also another well even closer (#10578) approximately 3856 feet to the northeast of the proposed location. This shallow well indicates a static water level of 2 feet. Both of the shallow wells (#47198 and #10578) are located within the same topographic contour as the proposed well and provide a reasonable estimate of depth to groundwater. I have attached a sketch map showing the locations of the water wells – I don't have a purchased copy of ADOBE so I just roughed out a WORD document.

Please call me and we can go over any questions or differing points of view. If not please email your approval of designating this as a sensitive area and adding a COA for a lined pit or closed loop system. Take care, Mary

*Mary Roberts Halstead
Oil & Gas Land Assessment Supervisor*

*Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, Colorado 80203
303-894-2100 Ext. 5153
mary.halstead@state.co.us*

From: Miller, Susan [mailto:sumiller@suncor.com]
Sent: Wednesday, September 16, 2009 1:33 PM
To: McHugh, Jessica
Cc: Robbins, Sherri
Subject: Lapp 13-35 - Water Well

Hi Jessica,

I researched the area and found the following water wells. Permit 222089 (copy of permit from CDWR website attached) is only 176' further from the proposed location, therefore we respectfully request this permit be utilized for the determination of the static water level for our application.

Please advise and thank you.

1 Receipt: 9064537

Permit: 47198

Static Water Level: 6'

2861' southwest of Lapp 13-35 location

2 Receipt: 0451246

Permit: 222089

Static Water Level: 82'

2685' northwest of Lapp 13-35 proposed location

*Susan Miller
Regulatory Analyst
999 18th Street, Suite 600
Denver, CO 80202
Direct Line: 303-350-1212
Fax: 303-297-7708
E-mail: sumiller@suncor.com*

From: McHugh, Jessica [mailto:Jessica.McHugh@state.co.us]
Sent: Tuesday, September 15, 2009 4:03 PM
To: Miller, Susan
Subject: Form 2A document #1904894

Hello Ms. Miller,

This email is to notify you that form 2A for the Lapp site, Document #1904894, has been placed on hold. This is due to the depth to groundwater only being 6 feet. Unless you can confirm that the depth to groundwater is greater than 20 feet, you must either line the pit or use a closed loop system.

Please do not hesitate to contact me if you have any questions.

Best regards,

Jessica McHugh
Oil & Gas Location Assessment – Temporary Reviewer
Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203

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