



STATE OF
COLORADO

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

COGCC Form 2A review of Cascade Petroleum's FORRISTALL 10S-56W-22-44 location - Doc #400547364

5 messages

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

Mon, Feb 24, 2014 at 11:32 AM

Brian,

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

- 1) In the Facilities section you indicated that a buried flowline will be used to connect the well. Please also provide me with a description of the number, size, and material of the flowline(s) that will be on this proposed oil & gas location.
- 2) In the Soil section you have only listed the (200) Vona-Karval-Midway NRCS Map Soil Unit, however, it appears your proposed oil & gas location area will also overlap onto the (194) Valent-Bijou complex as well. Therefore, please send me the NRCS Map Unit Description for this soil unit and I will add it to the Form 2A.
- 3) In the Water Resources section, you did not give a basis for your estimated depth to groundwater and the Sensitive Area determination. Please provide me with that basis and I will add it to the Form 2A.

Please respond to this correspondence by March 24, 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
1120 Lincoln St., Suite 801
Denver, CO 80203

doug.andrews@state.co.us
303-894-2100 Ext. 5180

Bryan Bugg <BBugg@cascadepetroleum.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, Feb 24, 2014 at 12:04 PM

Doug,

I've forwarded this onto Ashley Sommer with my comments. She should be responding to all of your questions shortly. Thanks for your help.

-Bryan

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Monday, February 24, 2014 11:33 AM
To: Bryan Bugg
Subject: COGCC Form 2A review of Cascade Petroleum's FORRISTALL 10S-56W-22-44 location - Doc #400547364

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Ashley Sommer <ASommer@cascadepetroleum.com> Mon, Feb 24, 2014 at 3:23 PM
To: "doug.andrews@state.co.us" <doug.andrews@state.co.us>
Cc: Bryan Bugg <BBugg@cascadepetroleum.com>

Hi Doug,

Please find responses below. Again, let me know if you need additional information. Thanks!

1. 1x buried 4" fiberglass flowline from wellhead to treater.
 - 1x buried 4" fiberglass flowline from treater to water tanks.
 - 1x buried 4" fiberglass flowline from treater to oil tanks.
2. NRCS Map Unit Description Attached
3. The closest producing well, the State 22-10S-56W-01H in Section 22 is showing a depth to groundwater of 45 feet. This area is not close proximity to surface water, water wells or public water supply.

Ashley Sommer
Land Administrator
Cascade Petroleum LLC
Direct Line: (303)407-6512

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Monday, February 24, 2014 11:33 AM
To: Bryan Bugg
Subject: COGCC Form 2A review of Cascade Petroleum's FORRISTALL 10S-56W-22-44 location - Doc #400547364

Brian,

[Quoted text hidden]

[Quoted text hidden]

 **Forristall 10S-56W-22-44 Map Unit Description.pdf**
127K

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Ashley Sommer <ASommer@cascadepetroleum.com>
Cc: Bryan Bugg <BBugg@cascadepetroleum.com>

Mon, Feb 24, 2014 at 3:58 PM

Ashley,

The NRCS Map Unit Description you sent me was included when the Form 2A was first submitted. I need the missing NRCS Map Unit Description for the 194 Valent-Bijou complex.

[Quoted text hidden]

Ashley Sommer <ASommer@cascadepetroleum.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, Feb 24, 2014 at 4:47 PM

Hi Doug,

I left you a voicemail to confirm but I believe this is what you are looking to get. This was the unit designation from our other well in Section 22, when we received information back from our surveyor they only included that original unit map that was provided. Please call if we need to discuss in more detail. Thanks!

Ashley

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Monday, February 24, 2014 3:59 PM
To: Ashley Sommer
Cc: Bryan Bugg
Subject: Re: COGCC Form 2A review of Cascade Petroleum's FORRISTALL 10S-56W-22-44 location - Doc #400547364

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 **Forristall 10S-56W-22-44 Map Unit Description (194).pdf**
41K