

**STATE OF
COLORADO**

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

COGCC Form 2A review of Cascade Petroleum's FORRISTAL 10S-56W-26-24 location - Doc #4005465582 messages

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

Mon, Feb 24, 2014 at 10:41 AM

To: mlasley@cascadepetroleum.com

Cc: Larry Coler - DNR <larry.coler@state.co.us>

Melissa,

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 Construction section you have estimated the post construction ground elevation to be 5,441 feet. I suspect this is a typo as the surveyed ground elevation for this proposed oil & gas location is 5,416 feet. Please confirm the estimated post construction ground elevation and I will change it on the Form 2A.
- 3) In the Water Resources section you have indicated the nearest downgradient surface water feature is 5,280 feet from the proposed oil & gas location. During my review I identified on the USGS topographic map an intermittent creek located approximately 2,000 feet southwest and topographically downgradient of this proposed oil & gas location. All surface water features, including seasonal, intermittent and/or ephemeral should be considered when making this determination. Therefore, I would like to change this distance.
- 4) 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
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Ashley Sommer <ASommer@cascadepetroleum.com>

Mon, Feb 24, 2014 at 2:39 PM

To: "doug.andrews@state.co.us" <doug.andrews@state.co.us>

Cc: Bryan Bugg <BBugg@cascadepetroleum.com>

Hi Doug,

Thank you for your email. Answers to your questions can be found below. Please let me know if you have any additional questions or if more detail is required. 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. 5416 feet
3. Yes, please go ahead and change the distance. We have been using the COGCC mapping to determine the closest water resources and for some reason I am not seeing the intermittent creek you mentioned. Is this something that would show on the COGCC map? Wondering if maybe I am missing a layer.
4. After further research it appears that the closest water well, according to the COGCC GIS online system is in Section 36 and that estimated depth is 42 feet.

Ashley Sommer

Land Administrator

Cascade Petroleum LLC

Direct Line: (303)407-6512

From: Leslie Gonzalez

Sent: Monday, February 24, 2014 11:15 AM

To: Ashley Sommer

Subject: FW: COGCC Form 2A review of Cascade Petroleum's FORRISTAL 10S-56W-26-24 location - Doc #400546558

From: Andrews - DNR, Doug [<mailto:doug.andrews@state.co.us>]

Sent: Monday, February 24, 2014 10:42 AM

To: Melissa Lasley

Cc: Larry Coler - DNR

Subject: COGCC Form 2A review of Cascade Petroleum's FORRISTAL 10S-56W-26-24 location - Doc #400546558

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