



STATE OF
COLORADO

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

COGCC Form 2A review of Great Western's Schmunk EF Offsite Tank Battery 31 location - Doc #400524779

3 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Regulatory Permitting <regulatorypermitting@gwogco.com>

Mon, Dec 23, 2013 at 1:57 PM

Shannon & Callie,

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

- 1) You Location Drawing only shows visible improvements within 400 feet of the edge of the disturbance. Location Drawings are required to show all visible improvements within 500 feet. Please send me a revised Location Drawing.
- 2) Per Rule 303.b.(3)C, please provide me with a description of all oil, gas, and/or water pipelines that will flow to and from this oil and gas location and I will add it to the Form 2A.
- 3) A review of your Facility Layout Drawing shows only 8 oil tanks while you have listed 15 oil tanks in the Facilities section. Please explain this discrepancy.
- 4) A review of your Facility Layout Drawing shows 8 meter houses but they are not included in the Facilities section. Therefore, I will add them to the Other Facilities section of the Form 2A.
- 5) A review of your Hydrology Map indicates several irrigation ditches with the closest approximately 58 feet west of the oil and gas location. Therefore, I will change the distance to the nearest surface water feature from 1,185 feet to 58 feet.
- 6) A review of your Hydrology Map and Location Drawing indicates a water well approximately 328 feet north of the oil and gas location. Therefore, I will change the distance to the nearest water well from 1,185 feet to 328 feet.
- 7) A review of the water well permit you reference (#391-WCB) lists 341 feet as the total depth of the well, not the depth to water in the well. A further review of this well's permit indicates no depth to water listed. A review of a nearby Schmunk well (Permit #8521-R) to the northeast indicates a depth to groundwater of approximately 7 feet. Therefore in the Water Resources section I will change the estimated depth to groundwater from 300 feet to 7 feet.
- 8) Due to the presence of nearby irrigation ditches and likely shallow groundwater in the area of the oil and gas location, in the Water Resources section I will change the Sensitive Area designation from NO to YES.

Please respond with the requested items by January 23, 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

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303-894-2100 Ext. 5180

Shannon Hartnett <shartnett@gwogco.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, Dec 30, 2013 at 8:32 AM

Doug,

I will get you an updated facility drawing, meter houses are the same as separators, not sure why the surveyor separated them out, it would be strange to put that on the facility list, so please don't add that just let me get you an updated drawing.

I agree with #'s 5-8 and I will get you an updated location drawing as well.

Thanks,

Shannon

From: Andrews - DNR, Doug [<mailto:doug.andrews@state.co.us>]
Sent: Monday, December 23, 2013 1:57 PM
To: Regulatory Permitting
Subject: COGCC Form 2A review of Great Western's Schmunk EF Offsite Tank Battery 31 location - Doc #400524779

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Shannon Hartnett <shartnett@gwogco.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, Jan 13, 2014 at 10:25 AM

Doug,

1. Attached are the two drawings that are updated to depict more accurate information.
2. For number 2 below see the below information:

13 – 3" steel line

9 - 3" steel oil line

9 - 3" steel vent line

2 - 3" steel return gas line

2 - 3" poly pipe

Thank you,



Shannon Hartnett

Regulatory Compliance Specialist

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Shannon & Callie,

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2 attachments



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