

**STATE OF
COLORADO**

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

COGCC Form 2A review for Whiting O&G's Razor 21 Production location - Doc #4004889752 messages

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

Tue, Oct 22, 2013 at 11:03 AM

To: Michael Brown <ml_brown@bresnan.net>

Michael,

I have reviewed the referenced Form 2A Oil & Gas Location Assessment and have a few comments.

- 1) Per COGCC Rule 303.b.(3)C, a description of all oil, gas, and/or water pipelines is required to be included on the Form 2A. You have identified that four separate well pads will produce to this location. Please provide me with the pipeline descriptions and I will add them to the Form 2A.
- 2) During my review I identified a water well located approximately 1,375 feet southeast of the proposed oil and gas location. This water well was permitted by Whiting Petroleum in September 2013 (Permit #292483) for commercial use. Therefore, I will change the distance to the nearest water well to 1,375 feet in the Water Resources section of the Form 2A.

Please feel free to contact me if you have any questions. Thank you.

—

Doug Andrews

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Michael Brown <ml_brown@bresnan.net>

Tue, Oct 22, 2013 at 2:16 PM

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

Doug,

Here is the verbage for pipeline.

- a) The approximate length of pipeline to be constructed is 2840 feet for the Razor 21D Pad, 1451 feet for the Razor 21C Pad, 152 for the Razor 21B Pad, 50' for the Razor 21A Pad.
- b) All displaced materials shall be placed back into the cleared route once construction is completed.
- c) Pipeline construction will not block or change the natural course of any drainage. The pipeline will be buried wherever possible. The pipeline will be buried a minimum of 30' below the surface at all locations.
- d) Pipeline trenches shall be maintained in order to correct settlement and erosion.
- e) The pipelines will be a 8" or 6" production and 6" or 4" test. All lines will be welded steel.
- f) If snow is present on the ground at the outset of construction activities, the snow will be removed before the soil is disturbed and piled downhill from the stockpile location.

- g) All equipment and vehicles will be confined to the existing roads, well locations and pipeline corridor.
- h) The disturbed areas outside of the roadbed and road ditches will be revegetated as described for the location in the Surface Reclamation Plans below.

Go ahead and change the water well info.

Thanks,
Michael

[Quoted text hidden]