

**STATE OF  
COLORADO****Andrews - DNR, Doug** <doug.andrews@state.co.us>

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**COGCC Form 2A review of Extraction's Mickey 5-F location - Doc #401089482**

2 messages

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**Andrews - DNR, Doug** <doug.andrews@state.co.us>  
To: Alyssa Andrews <aandrews@extractionog.com>

Tue, Oct 25, 2016 at 3:31 PM

Alyssa,

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

1) You have indicated the proposed wells will be served by the production facilities on the Varra pad (Location ID #430411). As that Oil & Gas Location is in a Buffer Zone, the two boxes in the Cultural Setbacks section concerning this location having production facilities that serve multiple wells and those production facilities being within 1,000 feet of a Building Unit should be checked. Also because of this, a Siting Rationale for the Varra pad production facilities should be included on this Form 2A. For the Siting Rationale, we can indicate that the Varra pad location and production facilities has already been approved (August 2014). Please let me know if making these changes is acceptable.

2) In the Water Resources section you have indicated the nearest downgradient surface water feature (a pond) is 91 feet away. Due to the proximity of this pond, I would like to change the Sensitive Area determination to YES.

3) You have included a BMP on Rule 604.c.(2)R - Tank Specifications. As no tanks are proposed for this Oil & Gas Location, I would like to remove this BMP.

4) This proposed Oil & Gas Location is within a Buffer Zone and the COGCC Policy on the Use of MLVTs requires operators to include a BMP to mitigate impacts from lights when MLVTs are being used. I do not see a Lighting BMP on this Form 2A. Please provide me with one that address mitigating lighting impacts to Building Unit owners both during drilling of the wells and well completions using the MLVTs.

Please respond to this correspondence by November 25, 2016. If you have any questions, please contact me. Thank you.

***Doug Andrews***

Oil &amp; Gas Location Assessment Specialist - Northeast Colorado



1120 Lincoln St., Suite 801  
Denver, CO 80203  
[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)  
303-894-2100 Ext. 5180

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**Alyssa Andrews** <aandrews@extractionog.com>  
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Tue, Oct 25, 2016 at 3:54 PM

Hi Doug,

Please see my responses in red.

Thanks,

Alyssa Andrews

*Regulatory Analyst*



Direct: (720) 481-2379

Cell: (425) 652-2811

[aandrews@ExtractionOG.com](mailto:aandrews@ExtractionOG.com)

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**From:** Andrews - DNR, Doug [mailto:[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)]

**Sent:** Tuesday, October 25, 2016 3:32 PM

**To:** Alyssa Andrews <[aandrews@extractionog.com](mailto:aandrews@extractionog.com)>

**Subject:** COGCC Form 2A review of Extraction's Mickey 5-F location - Doc #401089482

Alyssa,

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

1) You have indicated the proposed wells will be served by the production facilities on the Varra pad (Location ID #430411). As that Oil & Gas Location is in a Buffer Zone, the two boxes in the Cultural Setbacks section concerning this location having production facilities that serve multiple wells and those production facilities being within 1,000 feet of a Building Unit should be checked. Also because of this, a Siting Rationale for the Varra pad production facilities should be included on this Form 2A. For the Siting Rationale, we can indicate that the Varra pad location and production facilities has already been approved (August 2014). Please let me know if making these changes is acceptable.

Yes, please make those changes.

2) In the Water Resources section you have indicated the nearest downgradient surface water feature (a pond) is 91 feet away. Due to the proximity of this pond, I would like to change the Sensitive Area determination to YES.

Yes, please correct.

3) You have included a BMP on Rule 604.c.(2)R - Tank Specifications. As no tanks are proposed for this Oil & Gas Location, I would like to remove this BMP.

Yes, please remove.

4) This proposed Oil & Gas Location is within a Buffer Zone and the COGCC Policy on the Use of MLVTs requires operators to include a BMP to mitigate impacts from lights when MLVTs are being used. I do not see a Lighting BMP on this Form 2A. Please provide me with one that address mitigating lighting impacts to Building Unit owners both during drilling of the wells and well completions using the MLVTs.

Please add the following BMP:

803. Permanent lighting will be installed around the facility to allow both the operator and haulers to conduct safe operations at night. All lights will be directed down toward the location or shielded so no light pollution leaves the facility.

Please respond to this correspondence by November 25, 2016. If you have any questions, please contact me. Thank you.

*Doug Andrews*

Oil & Gas Location Assessment Specialist - Northeast Colorado



1120 Lincoln St., Suite 801

Denver, CO 80203

[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)

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