



STATE OF
COLORADO

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

COGCC Form 4 Sundry review for Extraction's Launer 26-M Pad - Doc #401378115

5 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Regulatory Team <regulatory@ascentgeomatics.com>

Fri, Aug 25, 2017 at 10:38 AM

Jeff,

I have reviewed the referenced Form 4 Sundry and have a few comments.

- 1) It appears the updated Location Drawing was attached to this Sundry a second time instead of the updated Hydrology Map. Please send me the updated Hydrology Map and I will replace the extra copy of the Location Drawing with it.
- 2) It appears that the well count is going from 13 wells to 8 wells. Yet the size of the disturbed area both during construction and after interim reclamation will remain the same. It appears that the area where the five wells are not going to be drilled does not need to be disturbed and subsequently left unreclaimed. Is there a reason why Extraction is not reducing the size of the disturbed area during construction and after interim reclamation?
- 3) With the removal of several wells from this Oil & Gas Location, do the distances from the nearest well to the various Cultural items need to be updated? If so, please provide them.

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
303-894-2100 Ext. 5180

Jeffrey Annable <jannable@ascentgeomatics.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>, Regulatory <regulatory@ascentgeomatics.com>

Fri, Aug 25, 2017 at 11:41 AM

Hey Doug,

Please see my responses below:

Thanks,

Jeff Annable

Regulatory Analyst

Ascent Geomatics Solutions (Formerly PFS)

Office: 303.928.7128

7535 Hilltop Circle

Denver, CO 80221

TBPLS Firm Registration No. 10194000

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

Sent: Friday, August 25, 2017 10:39 AM

To: Regulatory

Subject: COGCC Form 4 Sundry review for Extraction's Launer 26-M Pad - Doc #401378115

Jeff,

I have reviewed the referenced Form 4 Sundry and have a few comments.

1) It appears the updated Location Drawing was attached to this Sundry a second time instead of the updated Hydrology Map. Please send me the updated Hydrology Map and I will replace the extra copy of the Location Drawing with it. **My apologies, attached is the updated hydrology map.**

2) It appears that the well count is going from 13 wells to 8 wells. Yet the size of the disturbed area both during construction and after interim reclamation will remain the same. It appears that the area where the five wells are not going to be drilled does not need to be disturbed and subsequently left unreclaimed. Is there a reason why Extraction is not reducing the size of the disturbed area during construction and after interim reclamation? **They didn't want to reduce the drilling disturbance size because it was really tight on the NE side of the pad with grading. I think the Interim Reclamation Acreage will go down to approximately 5 acres.**

3) With the removal of several wells from this Oil & Gas Location, do the distances from the nearest well to the various Cultural items need to be updated? If so, please provide them. **Attached is a PDF with the revised Form 2A measurements.**

If you have any questions please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado




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2 attachments

 **Launer 26-M Pad 7N67W26 Hydrology Map.pdf**
1137K

 **LAUNER 26-M Form 2A Measurements.pdf**
465K

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Jeffrey Annable <jannable@ascentgeomatics.com>
Cc: Regulatory <regulatory@ascentgeomatics.com>

Fri, Aug 25, 2017 at 12:47 PM

Jeff,

The updated Location Drawing indicates size of disturbance during construction is 11.16 acres and after interim reclamation is 5.26 acres. This is the same as on the approved Form 2A. So nothing is changing with disturbance sizes even though five wells are not being drilled. Additionally the Form 2A indicates the ground elevation before and after construction will be 4,928. Location Pictures and topographic maps show this location is essentially flat. I'm not a civil engineer so I don't understand how the grading will require Extraction keep all of this extra disturbance area and it seems better for the surface owner to be able to keep as much of his farmable land undisturbed as possible. Also, the updated Facility Layout Drawing shows there will be approximately 180 feet from the northern most well to northern most edge of the reclaimed area. The original Facility Layout Drawing showed there would be approximately 50 feet from the northern most well to the northern edge of the reclaimed area. See the screen shots below. I get Extraction wanting the "elbow room" during construction, but Extraction has had issues with overbuilding some of their Oil & Gas Locations so we are rather sensitive to that now. I'm having a hard time understanding why the amount of interim reclamation cannot be increased by pulling in as close to the eight wells as was planned when it was going to be 13 wells.



Doug Andrews
Oil & Gas Location Assessment Specialist - Northeast Colorado



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Jeffrey Annable <jannable@ascentgeomatrics.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Regulatory <regulatory@ascentgeomatrics.com>

Tue, Aug 29, 2017 at 1:32 PM

Hey Doug,

Per our conversation, attached is a revised location drawing and facility layout drawing with the revised interim reclamation acreage.

Let me know if you need anything else.

Thanks,

Jeff Annable

Regulatory Analyst

Ascent Geomatics Solutions (Formerly PFS)

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From: Andrews - DNR, Doug [<mailto:doug.andrews@state.co.us>]
Sent: Friday, August 25, 2017 12:47 PM
To: Jeffrey Annable
Cc: Regulatory
Subject: Re: COGCC Form 4 Sundry review for Extraction's Launer 26-M Pad - Doc #401378115

[Quoted text hidden]

Jeffrey Annable <jannable@ascentgeomatrics.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Regulatory <regulatory@ascentgeomatrics.com>

Tue, Aug 29, 2017 at 1:44 PM

With the attachments.

Jeff Annable

Regulatory Analyst

Ascent Geomatics Solutions (Formerly PFS)

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From: Jeffrey Annable
Sent: Tuesday, August 29, 2017 1:33 PM
To: Andrews - DNR, Doug
Cc: Regulatory
Subject: RE: COGCC Form 4 Sundry review for Extraction's Launer 26-M Pad - Doc #401378115

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2 attachments

 **Launer 26-M Pad 7N67W26 Location Drawing.pdf**
975K

 **Launer 26-M Pad 7N67W26 Facility Layout Drawing.pdf**
745K