



STATE OF
COLORADO

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

EXT Thomas 16-C Pad Doc 400828536

4 messages

Jennifer Grosshans <jgrosshans@petro-fs.com>

Mon, Sep 28, 2015 at 2:34 PM

To: Christi Ng - DNR <Christi.Ng@state.co.us>

Cc: Regulatory members <regulatory@petro-fs.com>, "Andrews - DNR, Doug" <doug.andrews@state.co.us>, "Kosola - DNR, Jason" <jason.kosola@state.co.us>

Christi,

Please find attached the updated reference photos that were taken during the growing season for Extraction's Thomas 16-C Pad.

Let me know if you have any questions or concerns. Thanks you.

Respectfully,

Jennifer Grosshans

Regulatory Analyst

Office: 303-928-7128

Fax: 303-218-5678



Petroleum Field Services LLC

7535 Hilltop Circle

Denver, CO 80221

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 **Thomas 16-C Pad 10N67W16 Reference Photos.pdf**
648K

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Jennifer Grosshans <jgrosshans@petro-fs.com>
Cc: Regulatory members <regulatory@petro-fs.com>

Tue, Sep 29, 2015 at 10:58 AM

Jennifer.

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

1) You have included an operator comment in the Drilling Waste Disposal Description box to "See attached Waste Management Plan." However, a Waste Management Plan (WMP) was not attached to the Form 2A. Please provide me with the WMP that discusses the proposed drilling waste disposal and I will add it to the Form 2A.

2) Because you have indicated that Extraction plans to use oil based drilling fluids and that drill cuttings may be recycled and re-used on location using Bio-Remediation, the following Condition of Approval will be placed on the Form 2A: *"The Operator shall prepare and submit for prior Director approval a Form 27 Site Investigation and Remediation Workplan for the onsite land treatment of oily waste (drill cuttings that contain hydrocarbons) in accordance with Rule 909.c.(3). The Form 27 shall include a site map showing the site layout and stockpile locations, a description of the confirmation sampling program, a description of and any pertinent literature about proposed amendments to enhance remediation of the drill cuttings, and a diagram of where cuttings will be beneficially reused."*

Please indicate if this COA is acceptable. Also, please be aware that any onsite treatment and reuse of drill cuttings must be successfully completed prior to the indicated date that interim reclamation will begin (4/10/16).

Please respond to this correspondence by October 29, 2015. Please be aware that I will be out of the office from Monday October 5 thru Tuesday October 13, 2015. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area



COLORADO

Oil & Gas Conservation
Commission

Department of Natural Resources

1120 Lincoln St., Suite 801
Denver, CO 80203
doug.andrews@state.co.us
303-894-2100 Ext. 5180

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Jennifer Grosshans <jgrosshans@petro-fs.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Regulatory members <regulatory@petro-fs.com>

Tue, Sep 29, 2015 at 11:45 AM

Doug,

Please find responses to your questions and/or comments below in red.

1) You have included an operator comment in the Drilling Waste Disposal Description box to "See attached Waste Management Plan." However, a Waste Management Plan (WMP) was not attached to the Form 2A. Please provide me with the WMP that discusses the proposed drilling waste disposal and I will add it to the Form 2A. **Please find attached the Waste Management Plan.**

2) Because you have indicated that Extraction plans to use oil based drilling fluids and that drill cuttings may be recycled and re-used on location using Bio-Remediation, the following Condition of Approval will be placed on the Form 2A: *"The Operator shall prepare and submit for prior Director approval a Form 27 Site Investigation and Remediation Workplan for the onsite land treatment of oily waste (drill cuttings that contain hydrocarbons) in accordance with Rule 909.c.(3). The Form 27 shall include a site map showing the site layout and stockpile locations, a description of the confirmation sampling program, a description of and any pertinent literature about proposed amendments to enhance remediation of the drill cuttings, and a diagram of where cuttings will be beneficially reused."* Please indicate if this COA is acceptable. **This COA is acceptable.** Also, please be aware that any onsite treatment and reuse of drill cuttings must be successfully completed prior to the indicated date that interim reclamation will begin (4/10/16). **Extraction agrees.**

Thank you for your guidance. Please let me know if you have further questions or concerns.

Respectfully,

Jennifer Grosshans

Regulatory Analyst

Office: 303-928-7128

Fax: 303-218-5678



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From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Tuesday, September 29, 2015 10:58 AM
To: Jennifer Grosshans
Cc: Regulatory members
Subject: Re: EXT Thomas 16-C Pad Doc 400828536

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 **Extraction Oil and Gas Waste Management Plan.pdf**
80K

Jennifer Grosshans <jgrosshans@petro-fs.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Tue, Sep 29, 2015 at 11:49 AM

In anticipation for the Thomas 16-B having the same comments, I went ahead and sent that your way.

Thanks Doug!

Jennifer Grosshans

Regulatory Analyst

Office: 303-928-7128

Fax: 303-218-5678



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