

**STATE OF  
COLORADO**

Andrews - DNR, Doug &lt;doug.andrews@state.co.us&gt;

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**Form 2A review for Bayswater E&P's Winter 29-D Pad - Doc #400418115**

2 messages

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

Wed, Jun 5, 2013 at 11:22 AM

To: dspector@petro-fs.com

Deanne,

I have completed my review of the referenced Form 2A and I have a few comments.

1) In the Construction section of the Form 2A, the estimated date that interim reclamation will begin is given as 2/14/14. This is six months after the date planned to commence construction (8/14/13). Because the current and future land use for this oil and gas location is crop land, per COGCC Rule 1003b, crop land interim reclamation shall occur no later than 3 months after such operations. Therefore, please provide me with an revised estimated date that interim reclamation will begin and I will change it on the Form 2A.

2) Due to the proximity of several irrigation ditches and water wells as illustrated on your Hydrology Map and shallow depth to groundwater at the oil and gas location, I would like to change the Water Resources section of the Form 2A to indicate YES the location is a sensitive area.

3) A review of the NRCS Soil Survey and your Location Drawing appears to indicate that the southeast part of your disturbed area is within the 32 Kim Loam Soil Unit. Therefore please provide me with the 32 Kim Loam 1-3% slopes Soil Unit Description and I will add that to the list of Attachments and include it in the Soils section of the Form 2A.

4) Due to the proximity of several irrigation ditches to the oil and gas location as illustrated on your Hydrology Map, I would like to add the following Condition of Approval:  
"Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the irrigation ditches located 238 feet northeast, 264 feet northeast, and 449 feet southwest of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products."

Please feel free to contact me if you have questions. Respectfully.

—

*R. Douglas Andrews*

Colorado Oil & Gas Conservation Commission  
1120 Lincoln St., Suite 801  
Denver, CO 80203

[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)  
303-894-2100 Ext. 5177

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**DeAnne Spector** <DSpector@petro-fs.com>

Wed, Jun 5, 2013 at 11:49 AM

To: "Andrews - DNR, Doug" &lt;doug.andrews@state.co.us&gt;

Doug, Please see my comments below in red.....

DeAnne Spector

Regulatory Analyst

Petroleum Field Services LLC

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

**Sent:** Wednesday, June 05, 2013 11:23 AM

**To:** DeAnne Spector

**Subject:** Form 2A review for Bayswater E&P's Winter 29-D Pad - Doc #400418115

Deanne,

I have completed my review of the referenced Form 2A and I have a few comments.

1) In the Construction section of the Form 2A, the estimated date that interim reclamation will begin is given as 2/14/14. This is six months after the date planned to commence construction (8/14/13). Because the current and future land use for this oil and gas location is crop land, per COGCC Rule 1003b, crop land interim reclamation shall occur no later than 3 months after such operations. Therefore, please provide me with an revised estimated date that interim reclamation will begin and I will change it on the Form 2A. **Estimated date of reclamation is 1/14/13.**

2) Due to the proximity of several irrigation ditches and water wells as illustrated on your Hydrology Map and shallow depth to groundwater at the oil and gas location, I would like to change the Water Resources section of the Form 2A to indicate YES the location is a sensitive area. **Agreed**

3) A review of the NRCS Soil Survey and your Location Drawing appears to indicate that the southeast part of your disturbed area is within the 32 Kim Loam Soil Unit. Therefore please provide me with the 32 Kim Loam 1-3% slopes Soil Unit Description and I will add that to the list of Attachments and include it in the Soils section of the Form 2A. **Attached**

4) Due to the proximity of several irrigation ditches to the oil and gas location as illustrated on your Hydrology Map, I would like to add the following Condition of Approval:

"Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the irrigation ditches located 238 feet northeast, 264 feet northeast, and 449 feet southwest of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products." **Agreed**

Please feel free to contact me if you have questions. Respectfully.

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*R. Douglas Andrews*

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