

**STATE OF  
COLORADO**

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

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**Bill Barrett's Dutch Lake Pad 16-24H Form 2A - Doc #400441768**

2 messages

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

Wed, Aug 7, 2013 at 1:46 PM

To: [Vlangmacher@billbarrettcorp.com](mailto:Vlangmacher@billbarrettcorp.com)

Venessa,

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

1) For the two temporary LVSTs, please provide me with additional information on how they will be used (what exactly are the planned contents), designed and constructed, and what if any spill prevention and control measures will be put into place to prevent and/or mitigate a release of their contents. Our concern with the use of LVSTs is that there have been several catastrophic releases from these over the past year and we want to see from operators what measures they plan to take to prevent/mitigate this from happening in the future.

2) In the Construction section, you have the estimated date that interim reclamation will begin as 3/1/14. This is almost seven months after the date planned to commence construction. Because you have indicated that the Current and Future Land Use for this oil and gas location is CRP Crop Land, per COGCC Rule 1003.b interim reclamation shall occur no later than three months on Crop Land after such operations. Please provide me with an updated date interim reclamation will begin and I will change it on the Form 2A.

3) According to your Location Drawing the distance to nearest above ground utility is 533 feet. In the Cultural section you have indicated it is 251 feet but this appears to be the distance to an existing underground power line. I will change it to 533 feet on the Form 2A.

4) According to your Hydrology Map, the distance to the nearest water well is 1,016 feet. In the Water Resources section you have indicated it is 235 feet but this appears to be the total depth of that water well. I will change it to 1,016 feet on the Form 2A.

If you have any questions, please feel free to contact me. Thank you.

—

*R. Douglas Andrews*

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

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303-894-2100 Ext. 5180

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**Venessa Langmacher** <[Vlangmacher@billbarrettcorp.com](mailto:Vlangmacher@billbarrettcorp.com)>

Wed, Aug 7, 2013 at 2:20 PM

To: "Andrews - DNR, Doug" <[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)>

Doug,

Please see my notes below. Please let me know if you need any additional information.

**From:** Andrews - DNR, Doug [mailto:[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)]  
**Sent:** Wednesday, August 07, 2013 1:46 PM  
**To:** Venessa Langmacher  
**Subject:** Bill Barrett's Dutch Lake Pad 16-24H Form 2A - Doc #400441768

Venessa,

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

1) For the two temporary LVSTs, please provide me with additional information on how they will be used (what exactly are the planned contents), designed and constructed, and what if any spill prevention and control measures will be put into place to prevent and/or mitigate a release of their contents. Our concern with the use of LVSTs is that there have been several catastrophic releases from these over the past year and we want to see from operators what measures they plan to take to prevent/mitigate this from happening in the future.

BBC will be utilizing 4 40,000 bbls tanks provided by Well Water Solutions. The tanks are approximately 156 feet in diameter and 12 feet tall. Well Water Solution's tanks are manufactured in accordance with designs and specifications that have been reviewed and certified by a Professional Engineer. The tanks will be erected by Well Water Solutions or a contractor authorized by Well Water Solutions to set up their tanks. The tanks will be filled with fresh water obtained from local fresh water sources. The tanks will be placed within the perimeter berm that will be constructed around the entire pad.

2) In the Construction section, you have the estimated date that interim reclamation will begin as 3/1/14. This is almost seven months after the date planned to commence construction. Because you have indicated that the Current and Future Land Use for this oil and gas location is CRP Crop Land, per COGCC Rule 1003.b interim reclamation shall occur no later than three months on Crop Land after such operations. Please provide me with an updated date interim reclamation will begin and I will change it on the Form 2A.

The date to start construction would be 9/15/2013. One well is scheduled to spud 10/15/2013 and the next on 11/15/2013 so the date interim reclamation should begin is 2/15/2013.

3) According to your Location Drawing the distance to nearest above ground utility is

533 feet. In the Cultural section you have indicated it is 251 feet but this appears to be the distance to an existing underground power line. I will change it to 533 feet on the Form 2A.

Correct, thank you

4) According to your Hydrology Map, the distance to the nearest water well is 1,016 feet. In the Water Resources section you have indicated it is 235 feet but this appears to be the total depth of that water well. I will change it to 1,016 feet on the Form 2A.

Correct, thank you

If you have any questions, please feel free to contact me. Thank you.

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*R. Douglas Andrews*

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