

**STATE OF  
COLORADO**

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

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**COGCC Form 2A review of Bill Barrett's Anschutz State 5-61-36-0108BH location - Doc #400517296**3 messages

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**Andrews - DNR, Doug** <doug.andrews@state.co.us>  
To: Venessa Langmacher <vlangmacher@billbarrettcorp.com>

Tue, Dec 24, 2013 at 1:12 PM

Venessa,

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

A) A review of your Facility Layout Drawing depicts production facilities that do not match with what is listed in the Facilities section. For example, the Facilities section lists 3 Oil Tanks, 1 Water Tank and no LACT Units. Yet the Facility Layout Drawing depicts a total of 8 Production Tanks and 1 LACT Unit. Will there be 8 Production Tanks and a LACT Unit on this oil and gas location?

B) Because you will be using a Temporary Large Volume Above Ground Tank (TLVST) at this oil and gas location, I would like to add the following Conditions of Approval:

1. TLVSTs may only be utilized for the storage of freshwater. E&P wastes, including produced water, treated E&P wastes, and flowback from hydraulic fracturing operations, are not allowed.
2. TLVSTs shall be constructed and operated in accordance with a design certified by a Colorado Licensed Professional Engineer.
3. TLVSTs shall not be located on non-engineered fill material. Subgrade preparation shall be verified by proof-rolling prior to installation of TLVST.
4. COGCC Rules 604.a. and 605.a.(2,3,5,6,7, and 8), as applicable to tank setbacks at the time of installation shall apply to the siting of TLVSTs.
5. All TLVST liner seams shall be welded at the liner manufacturers facility; field welded liners shall not be used. Liners shall not be reused.
6. Signs shall be posted on each TLVST to indicate contents are freshwater and that no E&P waste fluids are allowed. Location and additional signage shall conform to Rule 210.
7. TLVSTs shall be operated with a minimum of 1 foot freeboard.
8. Operator shall be onsite and inspect for leaks during the initial filling of TLVST. If leaks are observed, filling shall cease and the leaks be repaired and the integrity of the tank evaluated.
9. Once in operation, TLVST shall be inspected daily and any deficiencies repaired as soon as practicable.
10. Best Management Practices (BMPs) shall be employed to prevent injuries, property damage or environmental impacts, such as erosion of onsite sediment into nearby surface water.
11. Should a failure of TLVST integrity occur, operator shall notify COGCC upon discovery,

report the incident to COGCC on a Form 22-Accident Report within 10 days, and shall conduct a root cause analysis and provide it to the COGCC on a Form 4-Sundry Notice within 30 days of the failure.

Please reply to this correspondence by January 24, 2014. If you have any questions, please feel free to contact me. Thank you.

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*Doug Andrews*

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

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**Venessa Langmacher** <[vlangmacher@billbarrettcorp.com](mailto:vlangmacher@billbarrettcorp.com)>  
To: "Andrews - DNR, Doug" <[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)>

Thu, Dec 26, 2013 at 7:55 AM

Good Morning Doug,

Attached please find a revised facility layout. There will be only 4 production tanks (1 water and 3 oil) and there will be no LACT unit.

BBC will adhere to the COA's listed below for the LVST Tank.

Thanks,

Venessa Langmacher

Senior Permit Analyst

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

**Sent:** Tuesday, December 24, 2013 1:13 PM

**To:** Venessa Langmacher

**Subject:** COGCC Form 2A review of Bill Barrett's Anschutz State 5-61-36-0108BH location - Doc #400517296

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Thu, Dec 26, 2013 at 7:55 AM

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

With Attachment.

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**Facility Layout.pdf**  
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