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**COGCC Form 2A review of Bill Barrett's Anschutz State 4-62-2 location - Doc #400536727**2 messages

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**Andrews - DNR, Doug** <doug.andrews@state.co.us>  
To: Mary Pobuda <mpobuda@billbarrettcorp.com>

Thu, Feb 6, 2014 at 9:04 AM

Mary,

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

A) A review of the Location Drawing appears to indicate the two water wells plotted on our COGIS mapping tool to the southeast and very near to your proposed Oil & Gas Location were not identified in the field by your surveyors. A review of the permits for these two water wells indicates their completion status is unknown. It appears the nearest water well that was constructed is greater than a mile from this proposed Oil & Gas Location. Therefore, in the Water Resources section I will change the distance to the nearest water well from 0 feet to 5,280 feet.

B) Because Bill Barrett plans to use temporary large volume tanks (TLVTs) at this Oil and Gas Location, I would like to add the following Conditions of Approval:

1. TLVTs 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. TLVTs shall be constructed and operated in accordance with a design certified and sealed by a Colorado Licensed Professional Engineer.
3. Site preparation and TLVT installation oversight shall be provided by a Professional Engineer or their designated representatives. Construction and installation of the tank structure, liner and sub-grade shall meet or exceed the manufacturer specifications.
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 TLVTs.
5. All TLVT 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 the TLVT to indicate contents are freshwater and that no E&P waste fluids are allowed. Location and additional signage shall conform to Rule 210.
7. TLVTs shall be operated with a minimum of 1 foot freeboard.
8. Operator shall be onsite and inspect for leaks during the initial filling of the TLVT. If leaks are observed, filling shall cease and the leaks be repaired and the integrity of the tank evaluated.
9. Once in operation, the TLVT shall be inspected daily and any deficiencies repaired as

soon as practicable.

10. Access to the TLVT shall be limited to operational personnel.
11. Operators employing TLVTs on their Oil & Gas Locations shall develop and comply with a written standard operating procedure.
12. Should a failure of TLVT 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 let me know if this acceptable by March 6, 2014. If you have any questions, please feel free to contact me. Thank you.

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*Doug Andrews*

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

Fri, Feb 7, 2014 at 10:49 AM

Good Morning Doug,

Your change regarding distance to nearest water well looks good to me. I've never entered a zero in this field before, not sure why/how that came about. The COA's for LVST's below can be added to the approval, thanks.

**Mary Pobuda**

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Permit Analyst

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

**Sent:** Thursday, February 06, 2014 9:05 AM

**To:** Mary Pobuda

**Subject:** COGCC Form 2A review of Bill Barrett's Anschutz State 4-62-2 location - Doc #400536727

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