

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Wednesday, March 09, 2011 8:01 AM  
**To:** Kubeczko, Dave  
**Subject:** FW: Chevron USA Inc, McHagood B2, NENW Sec 22 T2N R103W, Rio Blanco County, Form 2A (#400133072) Review

Scan No 2033642      CORRESPONDENCE      2A#400133072

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**From:** Peterson, Diane L. (DLPE) [mailto:DLPE@chevron.com]  
**Sent:** Tuesday, March 08, 2011 12:40 PM  
**To:** Kubeczko, Dave  
**Subject:** RE: Chevron USA Inc, McHagood B2, NENW Sec 22 T2N R103W, Rio Blanco County, Form 2A (#400133072) Review

See response below.  
Thank you.

*Diane L Peterson*



Regulatory Specialist Rangely & Wilson Creek, Colorado

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**From:** Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]  
**Sent:** Tuesday, March 08, 2011 11:36 AM  
**To:** Peterson, Diane L. (DLPE)  
**Subject:** Chevron USA Inc, McHagood B2, NENW Sec 22 T2N R103W, Rio Blanco County, Form 2A (#400133072) Review

Diane,

I have been reviewing the McHagood B2 well **Form 2A** (#400133072), previously submitted Form 2A#400103199 and approved by COGCC on 11/27/2010. COGCC requests the following clarifications regarding the data Chevron has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review. In addition, COGCC would like to attach the following conditions of approval (COAs) to the Form 2A.

1. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 5394 feet bgs for a well located 5544 feet from the proposed well pad. COGCC's review indicates there is a water well (Permit No. 2559-F-the California Company, industrial well) located approximately 5280 feet to the southeast, with a total depth of 5394 feet bgs, a depth to groundwater of 4468 feet bgs, and a pumping rate of 350 gpm. I believe this is the well you located. I can make the change if you send me an email with this request. [Please make the change](#)
2. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 1408 feet. COGCC's review indicates there is an intermittent stream located approximately 285 feet to the west. I can make the change if you send me an email with this request. [Please make the change](#)
3. **General:** The following conditions of approval (COAs) will apply:  
**COA 5** - Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via pipeline.

**COA 23** - Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., BMPs associated with stormwater management) sufficiently protective of the nearby surface water.

**COA 38** - The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of Table 910-1.

**COA 39** - No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

**COA 25** - Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)).

**Chevron agrees with all COAs**

COGCC would appreciate your concurrence with attaching these COAs (item 3) to the Form 2A permit prior to passing the OGLA review. The other issues (items 1 and 2) also need to be addressed prior to permit approval. In addition, if Chevron does not intend to build a well pad at the original McHagood B2 location (Form 2A#400103199, Location ID#420579, located approximately 400 feet to the north) COGCC needs Chevron to send in a Sundry Form 4 requesting that the location be deleted. ([Form 4 submitted to delete that first location on Feb 14<sup>th</sup>](#)) If you have any questions regarding this email, please do not hesitate to call me at (970) 309-2514 (cell), or email. Thanks.

Dave

**David A. Kubeczko, PG**  
**Oil and Gas Location Assessment Specialist**

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