

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Friday, March 19, 2010 2:01 PM  
**To:** Kubeczko, Dave  
**Subject:** FW: EnCana Oil & Gas (USA), Orchard Unit 28-6 (E28OU), SWNW Sec 28 T8S R96W, Mesa County, Form 2A (#400030234) Review

Scan No 2032980      CORRESPONDENCE      2A#400030234

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**From:** Spector, DeAnne M. [mailto:DeAnne.Spector@encana.com]  
**Sent:** Wednesday, March 10, 2010 1:54 PM  
**To:** Kubeczko, Dave  
**Subject:** RE: EnCana Oil & Gas (USA), Orchard Unit 28-6 (E28OU), SWNW Sec 28 T8S R96W, Mesa County, Form 2A (#400030234) Review

Hi Dave,

Please see my answers in red below:

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**From:** Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]  
**Sent:** Friday, March 05, 2010 2:39 PM  
**To:** Spector, DeAnne M.  
**Subject:** EnCana Oil & Gas (USA), Orchard Unit 28-6 (E28OU), SWNW Sec 28 T8S R96W, Mesa County, Form 2A (#400030234) Review

DeAnne,

I have been reviewing the Orchard Unit 28-6 (E28OU) (#400030234) **Form 2A**. COGCC requests the following clarifications regarding the data Encana Oil & Gas has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment.

1. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 232 feet. COGCC guidelines require designating all locations within close proximity to surface water (i.e., less than 500 feet) a **sensitive area**. The following conditions of approval (COAs) will apply: **Agreed**  
**COA 4** - Location is in a sensitive area because of proximity to surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.  
**COA 5** - Operator must implement best management practices to contain any unintentional release of fluids.
2. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 650 feet bgs for a well located 5576 feet from the well pad. COGCC's review indicates there is a water well (Permit No. 249032-Barnes, domestic well) located approximately 5702 feet to the northwest, with a total depth of 92 feet bgs, but no other available information. I believe this is the well you located. There are two nearby water wells, one (Permit No. 46809-MH-Noble energy, monitoring well) located approximately 11722 feet to the northeast, with a total depth of 100 feet bgs and a depth to groundwater of 61 feet bgs; the other (Permit No. 32-WCB-Lloyd, stock well) located approximately 12408 feet to the south-southeast, with a total depth of 61 feet bgs, a depth to groundwater of 55 feet bgs, and a pumping rate of 10 gpm. I believe either of these wells are indicative of groundwater conditions in this area. I can make the change if you send an email with this request. **Please use the WCB-Lloyd Permit 32.**

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. The other issue also needs to be addressed. If you have any questions, please do not hesitate to call me at (970) 625-2497 x5 (office) or (970) 309-2514 (cell), or email. Thanks.

Dave

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

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