

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Monday, June 27, 2011 1:11 PM  
**To:** Kubeczko, Dave  
**Subject:** FW: Quicksilver Resources, Stoddard 33-30 Pad, Lot 14 Sec 30 T6N R90W, Moffat County, Form 2A (#400170263) Review

**Categories:** Orange - Operator Correspondence

Scan No 2033883      CORRESPONDENCE      2A#400170263

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**From:** Cindy Keister [<mailto:ckeister@qrinc.com>]  
**Sent:** Monday, June 13, 2011 1:55 PM  
**To:** Kubeczko, Dave  
**Cc:** [lspermitco@aol.com](mailto:lspermitco@aol.com)  
**Subject:** Re: Fwd: Quicksilver Resources, Stoddard 33-30 Pad, Lot 14 Sec 30 T6N R90W, Moffa...

Quicksilver agrees to the following stips.

Cindy Keister  
Sent via Blackberry  
(682) 429-3861

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**From:** [LSPermitco@aol.com](mailto:LSPermitco@aol.com) [<mailto:LSPermitco@aol.com>]  
**Sent:** Monday, June 13, 2011 09:50 AM  
**To:** Cindy Keister  
**Cc:** [Dave.Kubeczko@state.co.us](mailto:Dave.Kubeczko@state.co.us) <[Dave.Kubeczko@state.co.us](mailto:Dave.Kubeczko@state.co.us)>; [LSPermitco@aol.com](mailto:LSPermitco@aol.com) <[LSPermitco@aol.com](mailto:LSPermitco@aol.com)>  
**Subject:** Fwd: Quicksilver Resources, Stoddard 33-30 Pad, Lot 14 Sec 30 T6N R90W, Moffa...

Cindy please review and respond to both Dave and I. Thanks.

*Lisa Smith - President  
PermitCo Inc. - PO Box 99 - Eastlake, CO 80614  
303-857-9999 (office) - 303-324-9350 (cell) - 303-450-9200 (fax)*

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*From: [Dave.Kubeczko@state.co.us](mailto:Dave.Kubeczko@state.co.us)  
To: [LSPermitco@aol.com](mailto:LSPermitco@aol.com)  
Sent: 6/12/2011 3:31:31 P.M. Mountain Daylight Time  
Subj: Quicksilver Resources, Stoddard 33-30 Pad, Lot 14 Sec 30 T6N R90W, Moffat County, Form 2A (#400170263) Review*

*Lisa,*

*I have been reviewing the Stoddard 33-30 Pad **Form 2A** (#400170263). COGCC would like to attach the following conditions of approval (COAs) based on the information Quicksilver has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA) review.*

1. **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 temporary surface pipelines.

**COA 6** - Reserve pit must be lined or a closed loop system must be implemented during drilling.

**COA 23** - Operator must ensure 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., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.

**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.

**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 and/or filters before the fluids can be placed into any pipeline or pit. 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.

**COA 58** - Berms or other containment devices shall be constructed to be sufficiently impervious to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.

COGCC would appreciate your concurrence with attaching these COAs (item 1) to the Form 2A permit prior to passing the OGLA review. If you have any questions, 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**

**Colorado Oil & Gas Conservation Commission**

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