

## Kubeczko, Dave

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**From:** Kubeczko, Dave  
**Sent:** Tuesday, April 17, 2012 11:06 AM  
**To:** Kubeczko, Dave  
**Subject:** FW: BMP's for pending Quicksilver Simoes and Stoddard wells  
  
**Categories:** Orange - Operator Correspondence, Dark Green - CDOW Pass

Scan No 2034309

CPW CORRESPONDENCE and PROPOSED BMPs

2A#400264524

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**From:** Cindy Keister [<mailto:ckeister@qvinc.com>]  
**Sent:** Thursday, April 12, 2012 3:32 PM  
**To:** Davidson, Jacob; Kubeczko, Dave  
**Cc:** Warren, Michael; Kubeczko, Dave; Pamela Osburn  
**Subject:** RE: BMP's for pending Quicksilver Simoes and Stoddard wells

Jacob,

Quicksilver approves the following CPW BMP's for the Simoes and Stoddard Wells in Moffat County.

Thank you for your prompt response to the on-site.

Cindy Keister  
Director Regulatory Affairs  
Quicksilver Resources  
801 Cherry Street  
Suite 3700, Unit 19  
Fort Worth, Texas 76102

Direct Line: 817/665-5572  
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**From:** Davidson, Jacob [<mailto:Jacob.Davidson@state.co.us>]  
**Sent:** Thursday, April 12, 2012 4:28 PM  
**To:** Cindy Keister; [circlewld@live.com](mailto:circlewld@live.com); Kubeczko, Dave  
**Cc:** Warren, Michael  
**Subject:** BMP's for pending Quicksilver Simoes and Stoddard wells

All,

Here are CPW's recommended BMP's for the Simoes and Stoddard pad locations.

### On-site Notes for Quicksilver Meeting on April 5<sup>th</sup>, 2012

#### Pad Locations:

Simoes # 22-30 Located in Sec 30, T6N, R90W at 40.450678, -107.536472  
Simoes # 12-30 Located in Sec 30, T6N, R90W at 40.450750, -107.541000  
Simoes # 31-30 Located in Sec 30, T6N, R90W at 40.453600, -107.531933  
Stoddard # 32-30 Located in Sec 30, T6N, R90 W at 40.450258, -107.531878

Stoddard # 34-30 Located in Sec 30, T6N, R90 W at 40.443253, -107.530589

Wildlife concern: All sites are within Elk winter concentration Sensitive Wildlife Habitat.

Recommended BMPs:

- 1) Conduct oil and gas development activities outside the time period from December 1 through April 15 to minimize disturbance to Elk in their winter concentration area.
- 2) Restrict post-development well site visitations to between the hours of 10:00 a.m. and 3:00 p.m. and reduce well site visitations between December 1 and April 15 in elk winter range.
- 3) Establish company guidelines (policies) to minimize wildlife mortality from vehicle collisions on roads (post speed limits on private roads, conduct safety training, etc).
- 4) Gate single-purpose roads and restrict general public access to reduce traffic disruptions to wildlife if applicable on private roads.
- 5) Close and immediately reclaim all roads that are redundant, not used regularly, or have been abandoned to the maximum extent possible to minimize disturbance and habitat fragmentation.
- 6) Avoid aggressive non-native grasses and shrubs in elk habitat restoration.
- 7) Reclaim elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.
- 8) Reclaim site (interim and final) to match existing vegetation. CPW can assist the landowner and operator in recommending a site appropriate seed mix.
- 9) Establish bank stabilization, erosion control, and storm water management techniques for susceptible well pad cut and fill slopes.

Cindy, please confirm that you have received these BMP's, and include Dave Kubeczko in your response. Let me know if you have any questions or concerns.

Thank you for your time,

**Jacob Davidson**

Land Use Specialist

Colorado Parks and Wildlife

Meeker, Colorado

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