

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Thursday, September 01, 2011 1:46 PM
To: Kubeczko, Dave
Subject: FW: K-Diamond Ranch 43-08 well pad
Attachments: BMPs.doc

Categories: Orange - Operator Correspondence

Scan No 2033980

CDOW CORRESPONDENCE and PROPOSED BMPs

2A#400188507

From: Warren, Michael
Sent: Thursday, September 01, 2011 9:19 AM
To: Kubeczko, Dave
Subject: FW: K-Diamond Ranch 43-08 well pad

FYI Dave

From: Cindy Keister [mailto:ckeister@qrinc.com]
Sent: Thursday, September 01, 2011 9:08 AM
To: Warren, Michael
Cc: Lisa Smith (lspermitco@aol.com); Edelen, Randy; Don Cotten; Daniel Mondragon; Pamela Osburn
Subject: FW: K-Diamond Ranch 43-08 well pad

Michael,

Per our conversation this morning concerning the attached BMP for the Golden Eagle Active Nest Site, you will contact a CDOW Biologist to review the area around our pad site for active nest sites. If there are no active nests, we will proceed with the permitting process, however, if a nest is found, Quicksilver will consider moving the site away from the nesting area. This well is not on our drilling schedule for 2011 so it is Quicksilver's desire to resolve this issue before the permit is approved.

Thanks for your help.

From CDPW Attachment: BMPs.doc:

MULE DEER & ELK

- Avoid oil and gas activities within mule deer critical winter range, elk winter concentration areas, elk production areas, and migration corridors.
- Where oil and gas activities must occur in mule deer critical winter range or elk winter concentration areas, conduct these activities outside the time period from December 1 through April 15.
- 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 mule deer and elk winter range.
- Establish company guidelines to minimize wildlife mortality from vehicle collisions on roads.
- Gate single-purpose roads and restrict general public access to reduce traffic disruptions to wildlife.
- 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.
- Avoid aggressive non-native grasses and shrubs in mule deer and elk habitat restoration.
- Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.

- Restore appropriate sagebrush species or subspecies on disturbed sagebrush sites. Use locally collected seed for reseeding where possible.

PRONGHORN ANTELOPE

- Avoid surface disturbance to and construction activities within pronghorn winter concentration areas west of I-25 from January 1 through March 31.
- Gate single-purpose roads to reduce traffic disruptions to wildlife.
- 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.
- Limit fence construction in pronghorn habitat. Use CDOW recommended pronghorn fence designs.
- Avoid aggressive non-native grasses and shrubs in pronghorn habitat restoration.
- Reclaim pronghorn habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.
- Restore appropriate sagebrush species or subspecies on disturbed sagebrush sites. Use locally collected seed for reseeding where possible. Sagebrush is less important in pronghorn reclamation on the eastern plains than it is in western Colorado (west of I-25).

GOLDEN EAGLE ACTIVE NEST SITE

- Survey any suitable habitat (cliffs, large trees, snags) within 1 mile of a proposed project site for raptor nests. Where raptor nests are found, site the project to provide a suitable buffer zone, and/or place sufficient seasonal limitations on construction activity to protect the nest site.
- No surface occupancy (beyond that which historically occurred in the area) within 0.25 mile of any active golden eagle nest site.
- No human encroachment or construction activity within 0.5 mile of any active golden eagle nest from December 15 to July 15.

Cindy Keister
Director Regulatory Affairs
Quicksilver Resources
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From: LSPermitco@aol.com [mailto:LSPermitco@aol.com]
Sent: Wednesday, August 31, 2011 11:37 AM
To: Cindy Keister
Cc: LSPermitco@aol.com
Subject: Fwd: K-Diamond 43-8 well pad

Please review and send your reply to Michael Warren, Dave Kubeczko and me. Thank you.

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

*From: Michael.Warren@state.co.us
To: LSPermitco@aol.com
CC: Michael.Warren@state.co.us
Sent: 8/31/2011 10:27:20 A.M. Mountain Daylight Time
Subj: K-Diamond 43-8 well pad*

Lisa,

I have no record of sending you BMPs for this well pad location. Please let me know if the attached list is acceptable.

The golden eagle nest site is not an RSO and the proposed location is on the edge of the sensitive habitat.

Please let me know if you have any questions.

Michael Warren

Land Use Specialist

Colorado Parks & Wildlife

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