

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Thursday, September 01, 2011 4:51 PM
To: Kubeczko, Dave
Subject: FW: Bret Grandbouche well pad location
Attachments: BretGrandbouche.doc

Categories: Orange - Operator Correspondence

Scan No 2033990

CDOW CORRESPONDENCE and PROPOSED BMPs

2A#400195365

From: Cindy Keister [<mailto:ckeister@grinc.com>]
Sent: Thursday, September 01, 2011 11:31 AM
To: Warren, Michael
Cc: Kubeczko, Dave; Lisa Smith (lspermitco@aol.com)
Subject: FW: Bret Grandbouche well pad location

Quicksilver agrees to the attached wildlife BMP's.

From CDPW Attachment: BretGrandbouche.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).**

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

Direct Line: 817/665-5572
Cell: 682/429-3861

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From: LSPermitco@aol.com [<mailto:LSPermitco@aol.com>]
Sent: Thursday, September 01, 2011 12:23 PM
To: Cindy Keister
Cc: LSPermitco@aol.com
Subject: Fwd: Bret Grandbouche well pad location

Please review the attached BMP's and let Michael Warren, Dave Kubeczko and me know if they are acceptable. Thanks.

*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 1:33:25 P.M. Mountain Daylight Time
Subj: Bret Grandbouche well pad location*

Lisa,

Attached is a list of BMPs for the Bret Grandbouche well pad location. The site is situated in elk winter concentration area, mule deer critical winter range, and pronghorn winter concentration area.

Please let me know if the BMPs are acceptable to you.

Michael

Michael Warren

Land Use Specialist

Colorado Parks & Wildlife

711 Independent Ave.

Grand Junction, CO 81505

(W) 970-255-6180

(F) 970-255-6111