

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Tuesday, November 29, 2011 9:41 AM
To: Kubeczko, Dave
Subject: Quicksilver Resources, K-Diamond Ranch 44-17 Pad, SESE Sec 17 T6N R92W, Moffat County, Form 2A (#400213636) CDPW Propose BMPs

Categories: Orange - Operator Correspondence

Scan No 2034071

CDPW CORRESPONDENCE and PROPOSED BMPs

2A#400213636

From: Warren, Michael
Sent: Friday, November 18, 2011 10:32 AM
To: Kubeczko, Dave
Subject: FW: Quicksilver K-Diamond 44-17 and 44-22

FYI,
I will approve these two permits this morning.
Michael

From: Cindy Keister [mailto:ckeister@qrinc.com]
Sent: Friday, November 18, 2011 10:12 AM
To: Warren, Michael
Cc: 'Ispermitco@aol.com'
Subject: Re: Quicksilver K-Diamond 44-17 and 44-22

Quicksilver approves the following Wildlife BMP's for the referenced wells.

Cindy Keister
Sent via BlackBerry
(682) 429-3861

From: Warren, Michael [mailto:Michael.Warren@state.co.us]
Sent: Friday, November 18, 2011 11:10 AM
To: Cindy Keister
Cc: Warren, Michael <Michael.Warren@state.co.us>; Kubeczko, Dave <Dave.Kubeczko@state.co.us>
Subject: Quicksilver K-Diamond 44-17 and 44-22

Cindy,

Attached below are BMPs for the K-Diamond Ranch 44-17 and 44-22 well pad locations. The location is elk winter concentration area, mule deer critical winter range, and pronghorn winter concentration area.

Please let me know if they are acceptable and copy Dave Kubeczko at COGCC with your response. His email is

Dave.Kubeczko@state.co.us

Let me know if you have questions.

MULE DEER, ELK & PRONGHORN ANTELOPE

- Avoid oil and gas activities within mule deer critical winter range, elk winter concentration areas, and antelope winter concentration areas.

- Where oil and gas activities must occur in mule deer critical winter range or elk winter concentration areas, and antelope 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, elk winter concentration, and pronghorn antelope winter concentration area.
- 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, elk, and antelope habitat restoration.
- Reclaim mule deer, elk, and antelope habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed. Or as directed by landowner.
- Restore appropriate sagebrush species or subspecies on disturbed sagebrush sites. Use locally collected seed for reseeded where possible.
- Limit fence construction in pronghorn habitat. Use CDOW recommended pronghorn fence designs.
- Restore appropriate sagebrush species or subspecies on disturbed sagebrush sites. Use locally collected seed for reseeded where possible. Sagebrush is less important in pronghorn reclamation on the eastern plains than it is in western Colorado (west of I-25).

Attached below are BMPs for the K-Diamond Ranch 44-22 well pad location.

MULE DEER, ELK & PRONGHORN ANTELOPE

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- 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.
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- Reclaim mule deer, elk, and antelope habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed. Or as directed by landowner.
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