

Aleta A. Brown

From: Warren, Michael [Michael.Warren@state.co.us]
Sent: Monday, July 11, 2011 9:53 AM
To: Aleta A. Brown
Cc: Krista Anderson; Kubezcko, Dave
Subject: RE: BMPs at the Shell Castor Gulch Location

Aleta,

The BMPs you have listed below are the BMPs CDOW requests for this site; they are appropriate for the site and wildlife species affected by development and production activity.

CDOW does not request any other BMPs for this site. The BLM COAs and BMPs will apply to this site as it is a Federal Mineral/Federal Surface location with some encroachment onto State Land Board Surface.

Michael Warren
Land Use Specialist
Colorado Parks & Wildlife
711 Independent Ave.
Grand Junction, CO 81505
(W) 970-255-6180
(F) 970-255-6111

From: Aleta A. Brown [<mailto:abrown@norwestcorp.com>]
Sent: Monday, July 11, 2011 9:33 AM
To: Warren, Michael
Cc: Krista Anderson
Subject: BMPs at the Shell Castor Gulch Location

Michael, Per your site visit with Shell on June 21, 2011, below are the BMPs proposed by CDOW for the Castor Gulch 1-21 location. We would appreciate it if you could send a quick email back confirming that these BMPs are satisfactory. We will include this email with our Form 2a application.

Castor Gulch Location NESE, S21, T5N, R91W 40.3785444 -107.6069722 Moffat County, BLM surface and minerals, State Land Board partial surface ownership.

Wildlife concern – COGCC mapped mule deer critical winter range, elk winter concentration area (sensitive wildlife habitat) and Buteo nest site. CDOW lease access to SLB property for hunting.

CDOW recommendations and concerns – as agreed to by the operator, BLM, and CDOW.

- 1) Check on status (active/not) of hawk nest site. – CDOW confirmed this and found the nest to be inactive.
- 2) Shell will make a good faith effort to finish drilling at this location by October 1 before the start of big game rifle hunting season.
- 3) CDOW will check on where to relocate the SLB-CDOW hunting access sign at the pad site where surface grading will be required. The sign should be replaced where it is highly visible. Shell will relocate the sign per CDOW direction.
- 4) Schedule post-construction - production 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.
- 5) BLM stipulations from original lease permitting and COAs –timing stipulations for sharp-tailed grouse production should be applied. Per BLM.
- 6) Shell will contact the SLB regarding surface disturbance.

7) Weed management will be included as part of the interim and final reclamation.

Please let me, or Krista know if you have any questions or concerns.

Thanks!

Aleta A Brown
Environmental Specialist

NORWEST CORPORATION
136 East South Temple, 12th Floor
Salt Lake City, Utah 84111
Telephone: 801.539.0044
FAX: 801.539.0055
Cell: 801.557.2533
Email: abrown@norwestcorp.com
www.norwestcorp.com

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