

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Wednesday, April 27, 2011 12:31 PM
To: Kubeczko, Dave
Subject: FW: Wildlife Stipulations for Herring Draw 1-9
Attachments: RE: Shell - Harper Hill and Greasewood O&G Locations for Your Review

Categories: Orange Category

Scan No 2033716 CDOW CORRESPONDENCE AND PROPOSED WILDLIFE BMPs 2A#1638090

PROPOSED WILDLIFE BMPs per email correspondences below

For Harper Hill:

- 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.
- Prior to development, establish baseline vegetation condition and inventory and to provide a basis for post-development habitat restoration.
- 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.

This will address the BMP's that will satisfy CDOW for the Harper Hill location.

Thank you,
Ed Winters



Edward T. Winters

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From: Aleta A. Brown [<mailto:abrown@norwestcorp.com>]
Sent: Thursday, April 14, 2011 1:22 PM
To: Winters, Edward
Cc: Michael.Bergstrom@shell.com
Subject: Shell - Harper Hill and Greasewood O&G Locations for Your Review

Ed, As we discussed, below are two well locations Shell (SWEPI) is submitting Form 2/Form 2a to COGCC:

- Harper Hill - Moffat County, SENW, Sec. 29, T5N, R90W, lat 40.359458, long -107.523569
- Greasewood Flat – Routt County, SESW, Sec. 21, T6N, R88W, lat 40.457811, long -107.270725

We would appreciate your quick review of these locations and a list of wildlife BMPs to include with our applications.

Please let me know if you have questions/concerns.

Thanks!

Aleta A Brown
Environmental Specialist

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From: Michael.Bergstrom@shell.com [mailto:Michael.Bergstrom@shell.com]
Sent: Friday, April 22, 2011 7:14 PM
To: Kubeczko, Dave
Cc: abrown@norwestcorp.com
Subject: FW: Wildlife Stipulations for Herring Draw 1-9

From: Aleta A. Brown [mailto:abrown@norwestcorp.com]
Sent: Friday, April 22, 2011 1:21 PM
To: Bergstrom, Michael L SEPCO-UAS/E/USON
Subject: Wildlife Stipulations for Herring Draw 1-9

Mike, For submittal to Dave Kubeczko.

Dave, I spoke with Ed Winters regarding Herring Draw. He asked me if I could send wildlife stipulations to include with the Herring Draw Form 2a. We propose to use the same wildlife mitigation measures included in the Harper Hill location. See attached email. I hope this satisfies Ed's needs.

Please let me know if there is anything else you need.

Thanks!

Aleta A Brown
Environmental Specialist

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