

## Dave Kubeczko - DNR

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**From:** Dave Kubeczko - DNR  
**Sent:** Wednesday, November 26, 2014 12:20 PM  
**To:** dave.kubeczko@state.co.us  
**Subject:** FW: Catamount\_condition of approval  
**Attachments:** San Juan BasinPinyon\_Juniper\_sagebrush\_seed mix.pdf

**Categories:** Green Category

Scan No 2107185

CPW CORRESPONDENCE and PROPOSED BMPs

2A#400670488

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**From:** Magee - DNR, Brian [mailto:[brian.magee@state.co.us](mailto:brian.magee@state.co.us)]  
**Sent:** Friday, October 31, 2014 11:33 AM  
**To:** Dave Kubeczko - DNR  
**Cc:** Jon Holst - DNR  
**Subject:** Fwd: Catamount\_condition of approval

Dave-

You mentioned to me last week Catamount's analysis on the Technical feasibility of moving the location would be included on the Form2A document attachments. I can't seem to find it, is it up yet?

Also, attached is the seed mix that we recommended with Elsa's approval.

Thanks,

Brian

----- Forwarded message -----

**From:** Elsa Hallowell <[elsa2003@earthlink.net](mailto:elsa2003@earthlink.net)>  
**Date:** Fri, Oct 24, 2014 at 3:37 PM  
**Subject:** Re: Catamount\_condition of approval  
**To:** "Magee - DNR, Brian" <[brian.magee@state.co.us](mailto:brian.magee@state.co.us)>

Brian:

I'm in agreement with you that the construction of the proposed Catamount wells could have a negative impact on mule deer,  
especially if the construction took place during a period of heavy snow.

For this reason and other reasons,  
I asked that Catamount drill as close as possible to the BP well which is to the west of the proposed Catamount wells.  
I was told that the proposed location is as far west as it can be --  
because of drilling capabilities,  
and because of several waterways to the west of the proposed location.

I'm in agreement that the construction phase of this operation  
should occur when deep snow is not likely.

A window of December 1st to April 1st would be very safe, but January 1st to April 1st might be satisfactory, because heavy snow is not very likely in December.

I'm in agreement that the seed mixture used in reclamation of the disturbed area around the location should be suitable for mule deer as well as cattle and sheep and goats. I trust that the mixture you've recommended is consistent with this goal.

Elizabeth (Elsa) Hallowell

On Oct 24, 2014, at 9:41 AM, Magee - DNR, Brian wrote:

Hi Elsa-

Thanks for taking the time to discuss the Catamount well with Jon and I yesterday.

As we discussed, under the COGCC rules, you as the surface owner must consent to any Condition of Approval that Colorado Parks and Wildlife recommends to the COGCC to minimize impacts to wildlife from the proposed well. If you don't consent or feel like your surface use agreement doesn't allow you to consent, CPW may still make the recommendations to the COGCC so that our concerns are documented, but the recommendations won't translate into enforceable permit conditions. Please let me know which, if any of the following conditions of approval you agree with:

- In order to avoid impacts to wintering big game, operator shall not construct surface disturbing activities, construction activities, drilling, or non-emergency workover activities from December 1-April 15 annually for the life of the well. In addition, between December 1 and April 15 each year, all non-emergency activities and routine well site visitation associated with maintaining production from the facility shall occur between the hours of 10:00 am- 3:00 pm.
- Operator shall utilize the wildlife friendly seed mix described in Attachment in all interim reclamation. The operator shall submit seed tags to the COGCC.

As we discussed on the phone, it is CPW preference to utilize existing infrastructure to avoid, minimize, and mitigate potential impacts to wildlife. We understand that you also had asked Catamount to use the existing location when they were originally siting the well on your property. At our request, COGCC is having Catamount prepare a written technical feasibility explanation of why Catamount cannot use the existing BP pad or move the pad further to the west. Should the analysis demonstrate that using the BP pad is not technically or economically feasible, we do not have the ability to require Catamount to move the pad.

In instances where there will be unavoidable impacts (e.g. they cannot move the pad) we often recommend that the operator conduct some type of compensatory mitigation to offset the impacts to wildlife. These projects often include some type of wildlife habitat creation or habitat improvement project that occur near the impact site. We may pursue compensatory mitigation, if Catamount can't move the location. You do not need to approve this type of mitigation, but we wanted to let you know that we may request it.

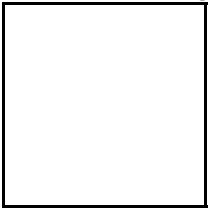
If you have any other ideas or alternatives to what we proposed on things we might do at the well location that could benefit wildlife I am open to discussing them with you.

Thanks,

Brian

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**Brian Magee**  
Landuse Coordinator  
Southwest Region

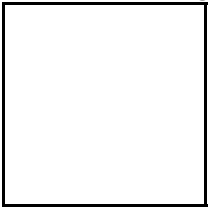


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<San Juan BasinPinyon\_Juniper\_sagebrush\_seed mix.pdf>

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**Brian Magee**  
Landuse Coordinator  
Southwest Region



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**Ecotype: Pinyon/Juniper Woodlands-Sagebrush**

## Species

GRASSES	Variety*	% of mix	FRPLS*	PLS rate/acre
Western wheatgrass	Arriba	10%	8	0.8
Bluebunch wheatgrass	Secar/Goldar	15%	10	1.5
Sandberg bluegrass	"UP release"	15%	2	0.3
Muttongrass	(UP Colona)	10%	1	0.1
Junegrass	Uncompahgre	15%	1	0.15
Indian ricegrass	White River	10%	6	0.6
Sand dropseed		10%	1	0.1
Blue grama	Hatchita	5%	1.5	0.075
Galleta	Viva	10%	6	0.6

\*Select 5 of 9 species based on availability

100%

\*recommended variety unless locally collected seed is available, in which case locally collected seed is preferred

\*based on drill seeding; 2x if broadcasting

FORBS	Variety*			
Utah sweetvetch	(UP Uncompahgre) TIMP	15%	15	2.25
Lewis flax	Maple grove	15%	4	0.6
Penstemon cyanocaulis* (bluestem)	(UP San Miguel)	15%	1	0.15
Penstemon comarrhenus (dusty)	(UP Delta)	15%	1	0.15
Penstemon palmeri (palmer)		15%	2	0.3
Penstemon eatonii (firecracker)		15%	1	0.15
Silky lupine -sericeus*		15%	20	3
Gooseberryleaf globemallow		15%	2	0.3
Oregon daisy	(UP Dry Fork)	15%	1	0.15

\*Select 5 of 9 species based on availability

SHRUBS*	Variety			
Artemisia** (+)				1
Fourwing saltbush				1
Winterfat	Hatch			1
Fringed sage				0.5
cliffrose				1

\*\*wyomingensis or nova depending on site

(+) to be included in all PJ/SS mixes

\*Select 3 of the 5 species based on availability

NOTE: (UP)- The UP varieties are in development and may not be available in sufficient quantities.

In which case, the most appropriate available variety should be utilized

Supply and availability should increase in future years

at which time the UP varieties should be used.