

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Tuesday, March 16, 2010 6:02 PM
To: Kubeczko, Dave
Subject: FW: wildlife BMPs for 44C-23-692 well pad
Attachments: Werner 44C-23-692 location - BBC Wildlife BMPs.pdf

Scan No 2032948

CDO/SURFACE OWNER CORRESPONDENCE 2A#400030038

From: Matt Barber [mailto:mbarber@billbarrettcorp.com]
Sent: Friday, March 12, 2010 12:34 PM
To: Kubeczko, Dave
Cc: Warren, Michael
Subject: FW: wildlife BMPs for 44C-23-692 well pad

Dave,

Attached are the Wildlife BMPs for the Werner 44C-23-692 location. Please let me know if you have any questions or need anything else.

Thank you,

Matt

From: Warren, Michael [mailto:Michael.Warren@state.co.us]
Sent: Friday, March 12, 2010 9:01 AM
To: Matt Barber
Cc: Kubeczko, Dave; Warren, Michael
Subject: RE: wildlife BMPs for 44C-23-692 well pad

Matt,

Thanks for sending these BMPs; will you also send them to Dave Kubeczko at COGCC so he has them directly from you - per COGCCs direction. Dave's email is Dave.Kubeczko@state.co.us

I will get comments to COGCC by the end of the day.

Michael

From: Matt Barber [mailto:mbarber@billbarrettcorp.com]
Sent: Friday, March 12, 2010 8:55 AM
To: Warren, Michael
Subject: FW: wildlife BMPs for 44C-23-692 well pad

Hello Michael,

Indicated below are the Wildlife BMPs for the Werner 44C-23-692 well pad. Please let me know if you have any questions or need anything else.

Thank you,

Matt

Bill Barrett Corporation Wildlife BMPs - Werner 44C-23-692 location

Avoidance

- Numerous individual well pad disturbances are avoided by directionally drilling multiple wells from individual pads.
- As per COGCC Rule 604.b.(7), All stacks, vents, or other openings shall be equipped with screens or other appropriate equipment to prevent entry by wildlife, including migratory birds.

Minimization

- Use of remote well control and monitoring telemetry.
- Reduce the area of disturbance by drilling multiple wells at one location versus individual well pads.
- Design multiple well pads to fit with the natural landscape of the area which reduces disturbance, habitat loss, and reclamation.
- Design oil and gas access roads to an appropriate construction standard, not to exceed intended functions.
- Planned pipelines and access road routes to reduce ROW widths in wildlife habitat areas.
- Co-locate pipelines with existing and proposed roads to minimize disturbance.
- Interim Reclamation is used to restore vegetation, and scenic values and habitat resources during well production phase. Prior to reseeding this site, all disturbed areas, including the access road, would be scarified and left with a rough surface. This site would then be seeded and/or planted as prescribed by the private surface owner (Bill Barrett Corp). Interim Reclamation also includes segregation of topsoil to maintain integrity for reshaping, re-vegetating of roads and wells pads to native slopes and landscapes.
- Centralized water management facilities will be used to reduce the size of individual well pads. In addition, this BMP will significantly reduce truck traffic and associated dust and emissions by utilizing temporary surface pipelines.
- Centralized compression and dehydration facilities will be used to reduce the size of individual well pads and reduce noise and potential vibration on individual well pads.
- If a location proves to be non-commercial, Final Reclamation will be implemented as soon as practical to restore the land to its previous productive use and natural habitat.

Mitigation

- Annual interim reclamation monitoring will be utilized to ensure proper growth of vegetation and to inspect for noxious weeds.
- Set and Post speed limits below 20 mph and caution signs on access roads where allowed by surface owner.
- Worked with BLM and CDOW for proper siting selection to reduce unnecessary roads in important wildlife habitat, reduce visual contrast by screening and hiding.

From: Warren, Michael [mailto:Michael.Warren@state.co.us]

Sent: Thursday, March 11, 2010 10:23 AM

To: Matt Barber

Cc: Warren, Michael

Subject: wildlife BMPs for 44C-23-692 well pad

Matt,

Does Bill Barrett Corporation plan on submitting wildlife BMPs for the 44C-23-692 well pad? According to COGCC records there are no wildlife BMPs relating to sensitive wildlife habitat area as mapped for this pad. If you do intend on using BMPs can you please send them to me to review by the end of the day. I would like to comment to COGCC by the end of the day tomorrow.

Thank you.

Michael Warren
Land Use Specialist
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