

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Thursday, June 28, 2012 1:30 PM
To: Kubeczko, Dave
Subject: FW: CPW recommended BMPs for Axia Bulldog 5-14H-789

Categories: Orange - Operator Correspondence, Dark Green - CDOW Pass

Scan No 2034424

CPW CORRESPONDENCE and PROPOSED BMPs

2A#400281942

From: Jess Peonio [<mailto:jpeonio@axiaenergy.com>]
Sent: Wednesday, June 27, 2012 9:00 AM
To: Davidson, Jacob; Kubeczko, Dave
Cc: Warren, Michael
Subject: RE: CPW recommended BMPs for Axia Bulldog 5-14H-789

Axia Energy agrees to the below BMP's with the understanding that if activity should be requested between March 1 – June 30, that the CPW will openly and fairly discuss options and/or an exemption to the timing limitation.

Thank you.

Jess A. Peonio

Sr. Drilling Engineer/Regulatory Manager

Axia Energy

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From: Davidson, Jacob [<mailto:Jacob.Davidson@state.co.us>]
Sent: Tuesday, June 26, 2012 4:19 PM
To: Jess Peonio; Kubeczko, Dave
Cc: Warren, Michael
Subject: CPW recommended BMPs for Axia Bulldog 5-14H-789

Greetings Jess,

Below are CPWs recommended BMPs for the proposed Bulldog 5-14H-789 location.

Pad location: **Bulldog 5-14H-789, T 7 N, R 89 W, section 5 at 40.587281,-107.408206**

Document #: **400281942**

Parks and Wildlife concerns: The proposed pad location is within Elk winter concentration area, greater sage-grouse production area, and greater sage-grouse preliminary priority habitat. The proposed location is 2.78 miles from an active greater sage-grouse lek, and 1.45 miles from Elkhead State Park. Based on the above concerns, CPW recommends the following BMPs:

1. Where oil and gas activities must occur within 4 miles of greater sage-grouse leks or within other mapped greater sage-grouse breeding or summer habitat, conduct these activities outside the period between March 1 and June 30.

2. Where oil and gas activities must occur within elk winter concentration areas, conduct these activities outside the time period from December 1 through April 15. Drilling and operations activities during the Dec 1 through April 15 time period may be possible if agreement is reached with CPW of an appropriate offsite mitigation project or phased development approach.
3. Restrict post-development well site visitations to portions of the day between 9:00 a.m. and 4:00 p.m. from December 1 to May 15, to lessen impacts to elk in their winter concentration areas, and greater sage-grouse during their breeding and production period.
4. Fence and net pits to exclude wildlife, with wildlife appropriate fencing and netting materials.
5. Construct 4:1 escape ramps in completion pits with a chain link fence or other appropriate covering for traction. Escape ramp should extend from the edge of the pit to below the surface of the water. Escape ramps should be installed on each side of the completion pit (4 ramps per pit), and be 4 to 5 feet in width.
6. Muffle sound from compressors, pump jacks or other motors necessary to run operations at the site.(If mufflers are used, point upward to dissipate sound and vibration.)
7. Reclaim site (interim and final) to match existing vegetation.
8. Participate in the Colorado Oil and Gas Association's voluntary baseline groundwater quality sampling program.
9. Inform CPW of any and all spills that occur on-site, or en-route to pad and pit locations.
10. Install and utilize bear-proof dumpsters and trash receptacles for all food-related trash on location following COGCC Rule 1204 a-1.

CPW would appreciate your concurrence with the proposed BMP's. Form 2A comments for this location are due on Saturday June 30. Please let me know if you have questions.

Thank you,

Jacob Davidson

Land Use Specialist

Colorado Parks and Wildlife

Jacob.Davidson@state.co.us

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