

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Wednesday, August 15, 2012 5:13 PM
To: Kubeczko, Dave
Subject: FW: CPW recommended BMPs for Bulldog 1-22H-791

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

Scan No 2034490

CPW CORRESPONDENCE and PROPOSED BMPs

2A#400279746

From: Jess Peonio [<mailto:jpeonio@axiaenergy.com>]
Sent: Wednesday, August 15, 2012 1:20 PM
To: Davidson, Jacob; Kubeczko, Dave
Cc: Warren, Michael
Subject: RE: CPW recommended BMPs for Bulldog 1-22H-791

Axia Energy concurs with the below recommended BMP's.

Jess A. Peonio

Sr. Drilling Engineer/Regulatory Manager

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From: Davidson, Jacob [<mailto:Jacob.Davidson@state.co.us>]
Sent: Wednesday, August 15, 2012 11:58 AM
To: Jess Peonio; Kubeczko, Dave
Cc: Warren, Michael
Subject: CPW recommended BMPs for Bulldog 1-22H-791

Listed below are CPWs recommended BMPs for the proposed Axia Bulldog 1-22H-791 location.

Pad location: **Bulldog 1-22H-791, T7N, R91W, section 1 at 40.594928, -107.553075**

Document #: 400279746

Wildlife concerns: The proposed pad location is within greater sage-grouse Preliminary General Habitat and Elk Winter Concentration Area. Based on the above wildlife concerns, CPW recommends the following BMPs:

1. Conduct oil and gas development activities outside the time period from December 1 through April 15 to minimize disturbance to Elk in their winter concentration area.
2. 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 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.
4. Establish company guidelines (policies) to minimize wildlife mortality from vehicle collisions on roads (post speed limits on private roads, conduct safety training, etc).

5. Gate single-purpose roads and restrict general public access to reduce traffic disruptions to wildlife if applicable on private roads.
6. Fence and net pits to exclude wildlife, with wildlife appropriate fencing and netting materials. See attached CPW guidelines for more information.
7. 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. CPW can provide more specific examples or specifications if requested by the operator.
8. 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.)
9. 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.
10. Reclaim site (interim and final) to match existing vegetation.

At the verbal request of the COGCC on the morning of August 15, 2012 CPW is seeking concurrence for the recommended BMPs without an on-site visit to the proposed location. Please let me know if you have questions.

Thank you,

Jacob Davidson

Land Use Specialist

Colorado Parks and Wildlife

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