

Weston, Cherylene

From: Jon Holst - DNR <jon.holst@state.co.us>
Sent: Friday, January 30, 2015 9:09 AM
To: Weston, Cherylene
Subject: RE: XTO Penrose 2-8H & 3-8H Pad
Attachments: Penrose 2-8H 3-8H Wildlife BMPs_JH edits.docx; Anderson 2-5H 3-5H Wildlife BMPs_JH edits.docx; Attachment 1 - CPWRiparianBuffersSummary.pdf

Cherlyene,

Here are some proposed edits for you. Thanks for the opportunity to work on these with you prior to your APD submittal – it should streamline the permit turnaround for both of us. Please give me a call or send me a note if you have any questions.

Jon Holst
Energy Liaison, Southwest Region



COLORADO
Parks and Wildlife
Department of Natural Resources

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From: Weston, Cherylene [mailto:Cherylene_Weston@xtoenergy.com]
Sent: Friday, January 30, 2015 8:26 AM
To: Jon Holst - DNR
Subject: RE: XTO Penrose 2-8H & 3-8H Pad

Jon,

Good morning. Here are the Word documents. Let me know if you need anything else.

Thanks,

Cherylene

From: Jon Holst - DNR [mailto:jon.holst@state.co.us]
Sent: Friday, January 30, 2015 8:19 AM
To: Weston, Cherylene
Subject: RE: XTO Penrose 2-8H & 3-8H Pad

Hi Cherylene,

Could you send a copy of your BMP's in word for the Penrose and Anderson wells? If you can, I can provide some suggested edits for you. Thx.

Jon Holst
Energy Liaison, Southwest Region



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From: Weston, Cherylene [mailto:Cherylene.Weston@xtoenergy.com]
Sent: Wednesday, January 21, 2015 10:30 AM
To: John Holst (Jon.holst@state.co.us)
Subject: XTO Penrose 2-8H & 3-8H Pad

Hello,

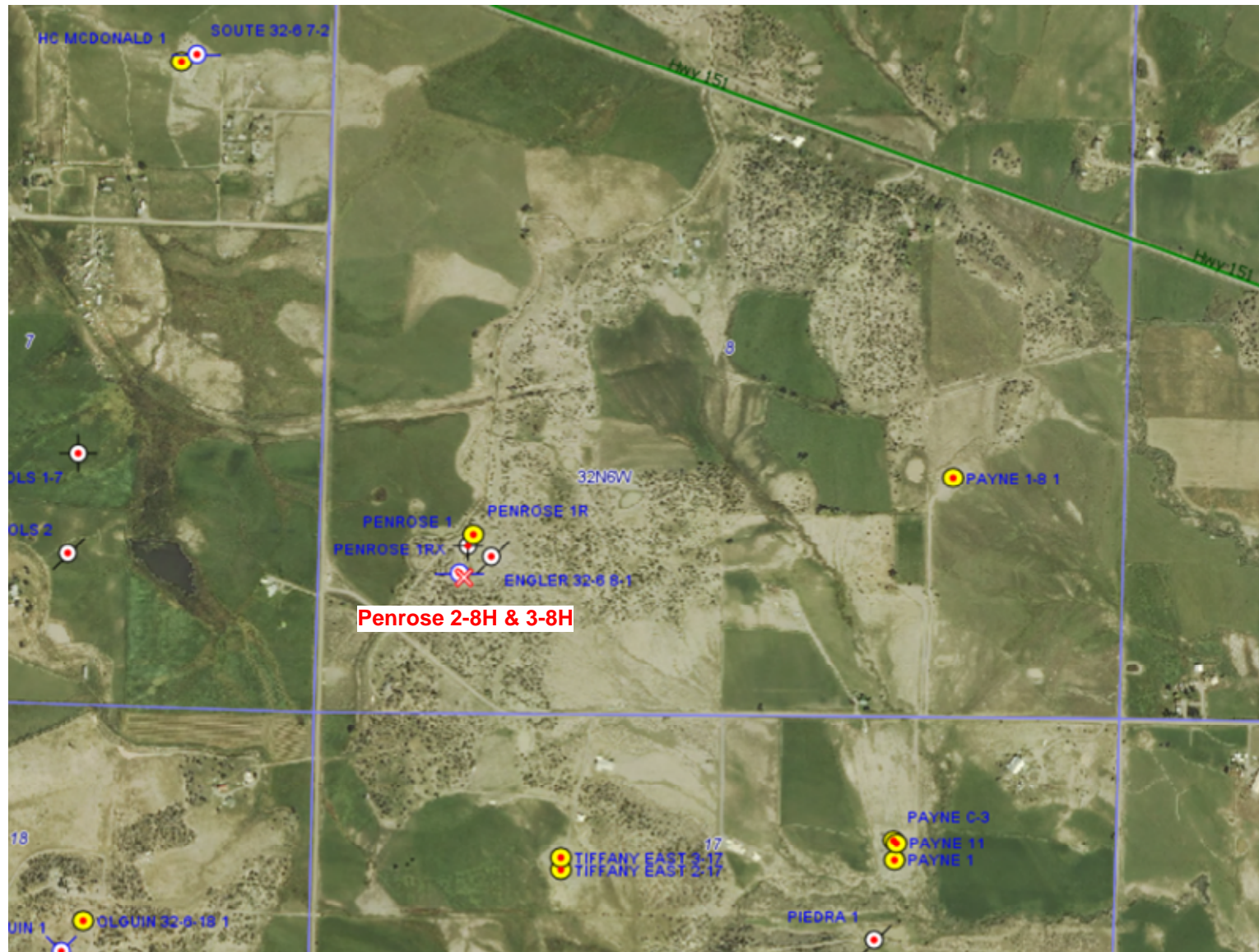
Please find attached an aerial map and Wildlife BMP document for the proposed wells that XTO is in process of filing COGCC APD's on.

Please process for DOW comment period. If you need additional information please let me know.

Thanks,

Cherylene L. Weston, CPLTA
Sr. Permitting Analyst
XTO Energy Inc., an ExxonMobil subsidiary
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AERIAL MAP



- X Proposed Well
- Producing
- X Temp. Abandoned
- ⊗ Abandoned Loc.
- ⊕ Plugged and Abandoned
- ⊖ Shut In

Penrose 2-8H - 932' FSL & 892' FWL
 Penrose 3-8H - 872' FSL & 952' FWL
 SWSW Sec. 8, T32N, R6W, N.M.P.M
 La Plata County, Colorado

↑ N
 Scale 1" = 400'

Proposed Wildlife BMPs

Penrose 2-8H & 3-8H Pad Wells SW/4 SW/4 Sec. 8, T32N, R06W La Plata County, Colorado

- ❖ The Penrose 2-8H & 3-8H will be drilled on a new well pad to reduce surface disturbance impacts.
 - Allows for future horizontal development on same pad.
- ❖ A closed-loop mud system will be used during drilling operations.
- ❖ Surface equipment that could be potentially damaging to wildlife will be fenced with livestock fence panels.
 - Prevents wildlife entry to potentially harmful equipment.
- ❖ The access road will be gated in order to restrict general public access.
- ❖ All fired vessel and heat transfer stacks, vents or other openings shall be equipped with screens or other appropriate equipment to prevent entry by wildlife, including migratory birds.
- ❖ Do not place staging, refueling, or chemical storage areas within riparian zones and floodplains.
- ❖ Construction, drilling and completion activities will be scheduled to avoid critical winter use periods for deer and elk from December 1 - April 15.
- ❖ Recycle drilling fluids.
 - Mud systems are dewatered, recycled and water is reused during drilling operations, reducing the amount of water needed to be trucked for drilling operations.
 - Mud can be transported to next drilling location, reducing truck traffic to dispose of drilling fluids.
- ❖ Adhere to the developed weed management plan pursuant to both the La Plata County Land Use Code and Colorado Noxious Weed Act.
 - Protects the productivity of adjacent wildlife habitats.
- ❖ Screen exhaust and vent stacks to preclude avian perching.
- ❖ **Seed mix will be determined by Surface Owner.**
- ❖ Educate employees and contractors on wildlife conservation practices, including no harassment or feeding of wildlife.
- ❖ Forbid use of firearms and dogs on location.
- ❖ Utilize bear proof dumpsters and trash receptacles for food related trash at all facilities that generate such trash.