

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400405797

Date Received:

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☒ OTHER Lateral #2 (Upper)
SINGLE ZONE ☐ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☐

PluggingBond SuretyID

20100210

3. Name of Operator: XTO ENERGY INC

4. COGCC Operator Number: 100264

5. Address: 382 CR 3100

City: AZTEC State: NM Zip: 87410

6. Contact Name: Kelly Kardos Phone: (303)397-3727 Fax: (505)213-0546

Email: kelly_kardos@xtoenergy.com

7. Well Name: HUBER CULHANE Well Number: 2-32

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 4707

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 32 Twp: 35N Rng: 8W Meridian: N

Latitude: 37.261860 Longitude: -107.765530

Footage at Surface: 1503 feet FNL/FSL 1703 feet FEL/FWL
FNL FEL

11. Field Name: IGNACIO BLANCO Field Number: 38300

12. Ground Elevation: 7019 13. County: LA PLATA

14. GPS Data:

Date of Measurement: 10/22/2010 PDOP Reading: 1.3 Instrument Operator's Name: David Alexander Johnson

15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1406 FNL 2074 FEL 700 FNL 660 FEL
Sec: 32 Twp: 35N Rng: 8W Sec: 32 Twp: 35N Rng: 8W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 305 ft

18. Distance to nearest property line: 270 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1900 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
FRUITLAND COAL	FRLDC	112-138	320	N/2

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: Multiple

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#:

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☒ No

23b. If 23 is No: ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

COC 017189 (2,4432.24 acres), COC 017211 (2,240.01 acres), Fee (160 acres). See attached for individual lease descriptions.

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 4843

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Closed Loop Mud

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	9+5/8	36	0	225	188	225	0
1ST	8+3/4	7	23	0	2,000	202	2,000	0
1ST LINER	6+1/8	4+1/2	10.5	0	4,707			

32. BOP Equipment Type: ☐ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None

33. Comments Lateral #2 (Upper). Fee and Federal Minerals. See Form 2 400174676 for vertical pilot hole & Form 2 400400019 for Lateral #1 (Lower). No conductor will be set. Well is being drilled from the existing Huber Culhane 1-32 well pad. N/2 covered by CA 054252.

34. Location ID: 325541

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☒ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Kelly Kardos

Title: Permitting Supervisor Date: _____ Email: kelly_kardos@xtoenergy.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

Date retrieval failed for the subreport 'IntPolicy_MTC' located at: W:\Inetpub\Net\Report\policy_mtc.rdl. Please check the

Attachment Check List

Att Doc Num	Name
400405832	PLAT
400405833	PROPOSED BMPs
400405834	CONSULT NOTICE
400405835	TOPO MAP
400405836	LEGAL/LEASE DESCRIPTION
400405837	SURFACE AGRMT/SURETY
400438523	DIRECTIONAL DATA
400438524	DEVIATED DRILLING PLAN
400447210	DRILLING PLAN
400452677	FED. DRILLING PERMIT
400452870	EXCEPTION LOC REQUEST

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

Type	Comment
Wildlife	<p>The Huber Culhane #2-32 will be drilled from the existing Huber Culhane #1-32 well pad to reduce surface disturbance impacts.</p> <p>Reduces area necessary for well pad construction. Utilize existing infrastructure for operations.</p> <p>A closed-loop mud system will be used during drilling operations.</p> <p>Surface equipment that could be potentially damaging to wildlife will be fenced with cattle panels.</p> <p>Prevents wildlife entry to potentially harmful equipment.</p> <p>The access road will be gated in order to restrict general public access.</p> <p>Major construction activities associated with drilling and completion will be scheduled to avoid critical winter use periods for deer and elk December 1 – April 15.</p> <p>Recycle drilling fluids.</p> <p>Mud systems are dewatered, recycled and water is reused during drilling operations, reducing the amount of water needed to be trucked for drilling operations.</p> <p>Mud can be transported to next drilling location, reducing truck traffic to dispose of drilling fluids.</p> <p>Adhere to the developed weed management plan pursuant to both the La Plata County Land Use Code and Colorado Noxious Weed Act.</p> <p>Protects the productivity of adjacent wildlife habitats.</p> <p>Screen exhaust and vent stacks to preclude avian perching.</p> <p>Educate employees and contractors on wildlife conservation practices, including no harassment or feeding of wildlife.</p> <p>Forbid use of firearms and dogs on location.</p> <p>Utilize bear proof dumpsters and trash receptacles for food related trash at all facilities that generate such trash.</p>
Construction	<p>Certificate to Discharge Under CDPS General Permit No. COR-03000 Stormwater Discharges Associated with Construction. Certification No. COR03C483</p> <ul style="list-style-type: none"> • A Field Wide Stormwater Management Plan (SWMP) for the La Plata Infill Program is on file at the XTO Energy Inc. (72 Suttle Street, Suite J, Durango, CO, 81303) office. A Site Specific SWMP including a Site Plan will be developed for each location. • Spill Prevention, Control and Countermeasures (SPCC) for the La Plata Infill Program is on file at the XTO Energy Inc. (72 Suttle Street, Suite J, Durango, CO, 81303) office. The Field Wide and Site Specific SWMPs each address SPCC during construction operations. See attached diagram for site specific BMPs • Inspections of the project site and maintenance of installed BMP's shall be conducted in accordance with the CDPHE CDPS permit and field wide plan. • The attached Table 1 lists BMP's which may be utilized during the construction phase and in development of the Site Specific SWMP. BMP selection is based on site specific conditions including topography, existing vegetation, timing, construction sequencing, etc.
Total: 2 comment(s)	