

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400118619

Plugging Bond Surety

20100210

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☒ OTHER _____
SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONE ☐

Refilling ☒

Sidetrack ☐

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: (505)333-3145 Fax: (505)213-0546
Email: kelly_kardos@xtoenergy.com

7. Well Name: APACHE CANYON Well Number: 08-06

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

9. Proposed Total Measured Depth: 2350

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 8 Twp: 34S Rng: 67W Meridian: 6

Latitude: 37.101481 Longitude: -104.914435

Footage at Surface: 1648 feet FNL/FSL FNL 1712 feet FEL/FWL FWL

11. Field Name: PURGATOIRE RIVER Field Number: 70830

12. Ground Elevation: 7820 13. County: LAS ANIMAS

14. GPS Data:

Date of Measurement: 11/08/2010 PDOP Reading: 6.0 Instrument Operator's Name: GARY TERRY

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

Footage at Top of Prod Zone: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 10560 ft

18. Distance to nearest property line: 9504 ft 19. Distance to nearest well permitted/completed in the same formation: 1000 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.)
RATON	RTON			
VERMEJO	VRMJ			

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

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):
SEE ATTACHED

25. Distance to Nearest Mineral Lease Line: 6928 ft 26. Total Acres in Lease: 22317

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☒ Offsite ☐ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: BURY/HAUL

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
CONDUCTOR	17+1/2	13+3/8	54		45	98	45	0
SURF	11	8+5/8	24		515	340	515	0
S.C. 1.1	7+7/8	5+1/2	15.5		2,350	100	2,350	1,654
			Stage Tool		1,654	260	1,654	0

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

33. Comments WATER WELL DOW TI IS LOCATED WITHIN A MILE OF THE PROPOSED LOCATION.

34. Location ID: 309550

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 K. Kardos

Title: Sr. Permitting Tech Date: 12/29/2010 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: David S. Neslin Director of COGCC Date: 1/27/2011

API NUMBER 05 071 09682 00	Permit Number: _____ Expiration Date: <u>1/26/2013</u>
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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.

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Attachment Check List

Att Doc Num	Name
400118619	FORM 2 SUBMITTED
400118621	PLAT
400118622	CONSULT NOTICE
400118624	TOPO MAP
400118625	PROPOSED BMPs
400118627	SURFACE AGRMT/SURETY
400119616	LEASE MAP
400119617	WAIVERS

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Permit	PERMITTING PASSED- JLV	1/25/2011 2:44:07 PM
Permit	I spoke with Al Trujillo Colorado Department of Wildlife (CDOW) about XTO Energy's proposed locations in the Bosque Del Oso State Wildlife Area (SWA). Al Trujillo (CDOW) and his staff are aware of XTO Energy's plans for the proposed locations and further, there is an existing SUA in place for operations in this area; I also spoke with Kyla Vaughn (XTO Energy Inc.) and they are currently operating in the Bosque Del Oso SWA under the original SUA executed by Williams and CDOW. JLV	1/25/2011 9:59:28 AM
Engineer	1) Provide 48 hour notice of MIRU to John Duran at 719-846-4715 or email John.Duran@state.co.us. 2) Provide cement coverage of production casing from TD to 50' above surface casing shoe. Verify coverage with cement bond log. 3) Immediately cease operations and notify the COGCC in the event of any operational problem that could potentially impact water wells in the area.	1/18/2011 3:43:23 PM

Total: 3 comment(s)

BMP

Type	Comment

Total: 0 comment(s)