RECEIVED

OCT 8 2002

Bureau of Land Management
Durango, Colorado

Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-604-79 Tribal D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Mountain Ute Tribe

7. UNIT AGREEMENT NAME: 22646

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ]

b. TYPE OF WELL
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME, WELL NO.: Ute Mountain Tribal "D" #9

2. NAME OF OPERATOR: XTO Energy Inc.

9. API WELL NO.: 30-045-31693

3. ADDRESS AND TELEPHONE NO.: 2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

10. FIELD AND POOL, OR WILDCAT: Ute Dome Dakota

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2175' FNL & 850' FWL Sec 3, T31N, R14W E
At proposed prod. zone: 1222' FNL & 1237' FWL Sec 3, T31N, R14W b

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 3, T31N, R14W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Please see Attched Surface Use Program

12. COUNTY OR PARISH: San Juan

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1222'

16. NO. OF ACRES IN LEASE: 2080

17. NO. OF ACRES ASSIGNED TO THIS WELL: NW/4 160 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 2600'

19. PROPOSED DEPTH: 4,000' (MD)

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF,RT, GR, etc.): 6,579' GL

22. APPROX. DATE WORK WILL START*: Winter 2003

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12/-1/4"	8-5/8" J-55	24.0#	220'	140 sx Type III
7-7/8"	4-1/2" J-55	10.5#	4,000'	590 sx Premium Lite HS

SEE ATTACHED CONDITIONS OF APPROVAL

Venting / Flaring approved for 30 days per NTL-4A

Set 8-5/8", 24.0#, J-55 STC surface csg @ 220'. Cmt w/approx 140 sx Type III cmt w/additives. Attempt to circ cmt to surface.

Install & test BOP equipment as required. Drill 7-7/8" hole directionally to approx 4,000' MD.

Set 4-1/2", 10.5#, J-55, STC production csg @ 4,000' MD, 3,800' TVD. Cmt w/approx 590 sx Premium Lite High Strength cmt w/additives. Final cmt volumes will be obtained fr/caliper log + 30% excess.

Attempt to circ cmt to surface.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject lease which are committed hereto.

HOLD C104 FOR Directional Survey

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposalis to deepen,give data on present productivezone and proposednew productivezone. If proposalis to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED J W Patton TITLE Drilling Engineer DATE 10/7/02

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR A PERIOD NOT TO EXCEED 1 YEAR

per phone call 5-30-03

APPROVED BY Helen Mary Johnson TITLE Acting Field Office Manager DATE MAY 15 2003

*See Instructions On Reverse Side

NMOCD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease – 4 Copies
Fee Lease – 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
	86720	UTE DOME DAKOTA

[4] Property Code	[5] Property Name	[6] Well Number
	UTE MOUNTAIN TRIBAL 'D'	9

[7] OGRID No.	[8] Operator Name	[9] Elevation
167067	XTO ENERGY INC.	6579'

[10] Surface Location

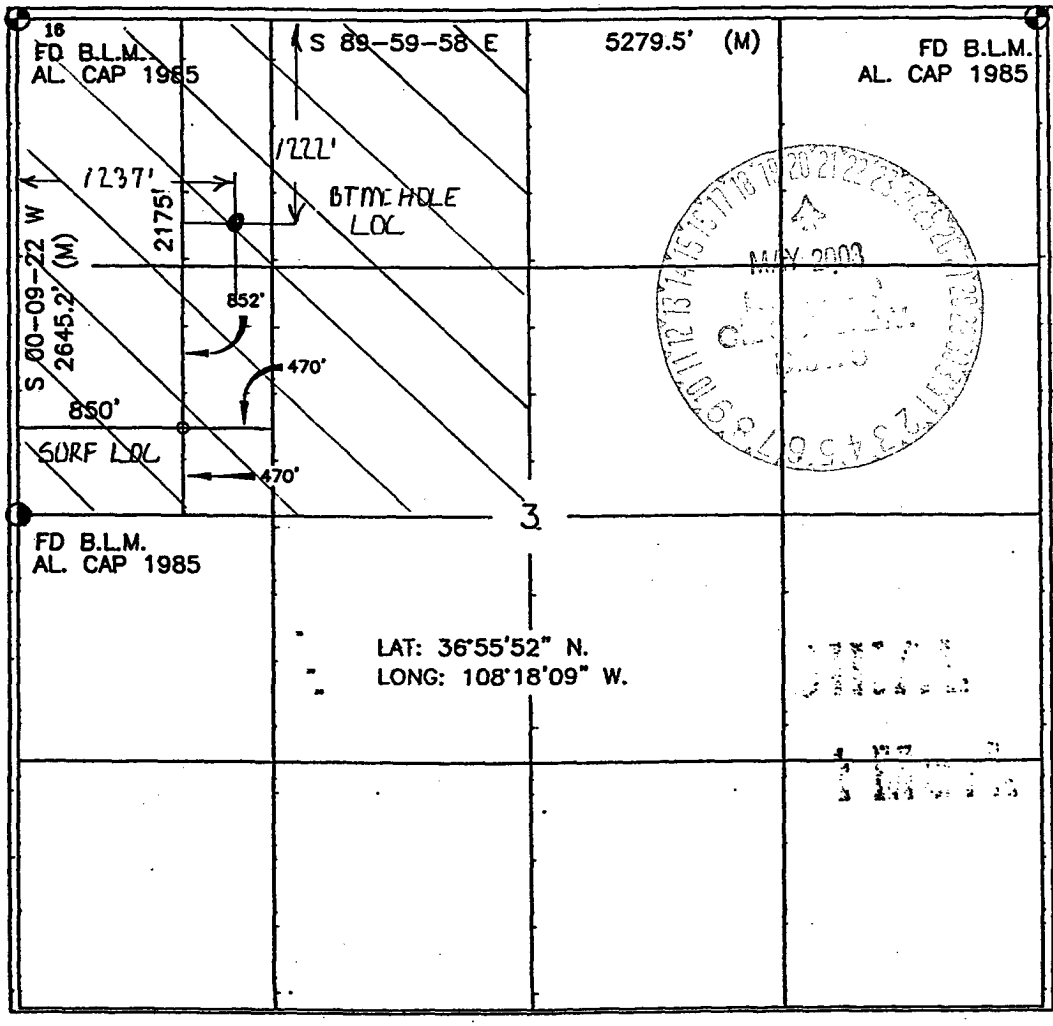
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	3	31-N	14-W		2175'	NORTH	850'	WEST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	3	31-N	14-W		1222	NORTH	1237'	WEST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160.24 NW/4			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

JW Patton
Signature

JEFFREY W PATTON
Printed Name

DRILLING ENGINEER
Title

10-4-02
Date

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

12-6-ROY A. RUSH
Date of Survey

Signature and Seal of Professional Surveyor:

NEW MEXICO 8894 REGISTERED PROFESSIONAL LAND SURVEYOR

8894
Certificate Number

XTO Energy Inc.

Ute Mountain Tribal "D" #9

Proposed Drilling Procedure

October 4, 2002

Surface Location: 2175' FNL & 850' FWL of Sec 3, T31N, R14W **County**: San Juan **State**: New Mexico

PROJECTED TOTAL VERTICAL DEPTH: ±3,800' 4,000' MD
GR ELEV: 6,579'

OBJECTIVE: Dakota & Morrison
EST KB ELEV: 6,591' (12' AGL)

1. GENERALIZED DRILLING PROCEDURE:

A. MIRT. Drill a 12-1/4" hole to 220', run and cement 8-5/8", 24.0#, J-55, STC casing. Circulate cement to surface.
B. NU wellhead and BOP equipment. Test stack, wellhead, choke manifold and casing to 250/1500 psig.
C. Drill an 7-7/8" hole to approximately ±4,000' (MD).
D. Log well as prescribed by geological department.
E. Run 4-1/2", 10.5#, J-55, STC production casing. Attempt to circulate cement to surface. RDRT and prepare well for completion.

2. MUD PROGRAM:

INTERVAL	0' to 220'	220' to 4,000'	Logging @ TD
HOLE SIZE	12-1/4"	7-7/8"	7-7/8"
MUD TYPE	FW/Gel/Lime	FW/Polymer/LCM	FW/Polymer/LCM
WEIGHT	8.6-9.0	8.4-8.8	8.8-9.1
VISCOSITY	28-32	28-32	80-100
WATER LOSS	NC	NC	10-12

Remarks: Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

3. CASING PROGRAM:

Surface Casing: 8-5/8" casing to be set at ± 220' in 8.8 ppg mud .

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-220'	220'	24.0#	J-55	STC	1370	2950	244	8.097	7.972	5.99	1.71	18.1

Optimum makeup torque for 24.0#, J-55, STC casing is **2,440 ft-lbs** (Min - 1,830 ft-lbs, Max - 3,050 ft-lbs).

Production Casing: 4-1/2" casing to be set at TD in ±9.1 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-TD	4,000'	10.5#	J-55	STC	4010	4790	132	4.095	3.927	1.33	2.20	3.76

Optimum makeup torque for 10.5#, J-55, STC casing is **1,320 ft-lbs** (Min - 990 ft-lbs, Max - 1,650 ft-lbs).

4. WELLHEAD:

A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom and 11-3/4" 8rnd thread on top.

5. CEMENT PROGRAM:

A. Surface: 8-5/8", 24.0#, J-55, STC casing to be set at ± 220'. circulate cement

Lead: 140 sx of Type III cement containing 2% $CaCl_2$, ¼ pps celloflake, mixed at 14.8 ppg, 1.32 ft^3/sk, & 6.30 gal wtr/sk.

Total slurry volume is 185 ft^3, 100% excess of calculated annular volume to 220'.

B. Production: 4-1/2", 10.5#, J-55, STC casing to be set at ± 4,000' (MD).

Lead: 590* sx of Premium Lite High Strength cement containing 2% KCl, ¼ pps celloflake, 0.2% dispersant, 0.5% fluid loss & 2% Phenoseal (LCM) mixed at 12.5 ppg, 2.01 ft^3/sk, 10.55 gal wtr/sk.

Total estimated slurry volume for the 4-1/2" production casing is 1,186 ft^3.

*** This volume includes 30% *excess* over the gauge hole volume. Actual cement volume will be based on log caliper volume plus 30% *excess* to circulate cement to the surface.**

- **Note: The slurry mixture may change slightly based upon final design, but our plan is to circulate cement to surface from TD.**

BOP SCEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

TESTING PROCEDURE

1. Test BOP after installation:
   Pressure test BOP to 200-300 psig (low pressure) for 5 min.
   Test BOP to Working Press or to 70% internal yield of surf csg (10 min).
2. Test operation of (both) rams on every trip.
3. Check and record Accumulator pressure on every tour.
4. Re-pressure test BOP stack after changing out rams.
5. Have kelly cock valve with handle available.
6. Have safety valve and subs to fit all sizes of drill string.