

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



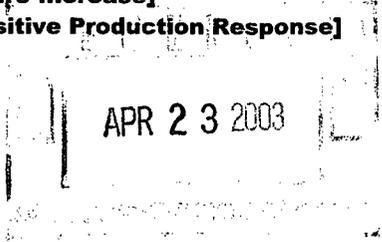
ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____



- [2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Tim Welch Tim Welch Senior Landman 4/21/03
 Print or Type Name Signature Title Date

tim-welch@xtoenergy.com
 e-mail Address



April 21, 2003

Mr. Michael E. Stogner
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Federal Express

**Re: Application for Administration Approval of Unorthodox Location
XTO Energy Inc. Ute Indians "A" #36 Well
Proposed Location: 932' FSL' & 845' FEL of Sec. 27-T32N-R14W
Unit P (SE/4 SE/4) San Juan County, New Mexico**

Dear Mr. Stogner:

XTO Energy Inc., as operator of the captioned well, hereby requests approval of the following unorthodox location:

Well Name: Ute Indians "A" #36 (API # 30-045-31604)
Pool: Barker Creek-Paradox Gas Pool
Location: 932' FSL & 845' FEL of Section 27-T32N-R14W
Acreage Dedication: All of Section 27, being 640 acres, more or less
County/State: San Juan County, New Mexico
Pool Rules: 1,650' from outer boundary of the section line and not closer than 330' to the center of the section.

Attached please find the following support and documentation for this application:

1. C-102 Plat;
2. Geologic/Geophysical Summary;
3. Paradox Production map; and
4. Ownership map.

The proposed well is located on the following lease: **Tribal "D" 14-20-604-62**. All of Section 27 is owned by XTO Energy and our partner, Burlington Resources. The three (3) adjoining 640 acre spacing units to the east, southeast and south, towards which the requested unorthodox location encroaches, are 100% owned and operated by XTO Energy Inc.; therefore, there are no other offset operators or owners to notify.

It should be noted that the NW/4 of Section 27 is included in the Barker Dome Pool. The remaining portion of Section 27 does not appear to be part of the Barker Dome or Ute Dome Pools.

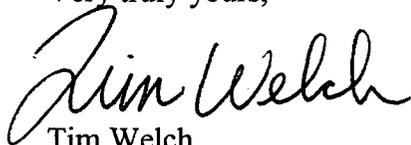
Ute Indians "A" #36
NMOCD
April 21, 2003
Page 2

All of the shallower objectives in this test well (Barker Dome-Ismay Pool, Barker Dome-Desert Creek Pool & Barker Dome-Akah/Upper Barker Creek Pool) have orthodox locations.

By certified mail, a copy of this application has been sent to the parties listed below. The same parties are in agreement with our proposed location and the related APD has been approved by the BLM.

Thank you for your consideration in this matter and please call me at (817) 885-2661 if you have any questions.

Very truly yours,



Tim Welch
Senior Landman
XTO Energy Inc.

Enclosures

cc: Gordon Hammond
Ute Mountain Ute Tribe
P.O. Box 42
Towaoc, Colorado 81334

Certified Mail

Dan Rabinowitz
Bureau of Land Management
15 Burnett Court
Durango, Colorado 81301-3647

Certified Mail

Gerry Simon
Data Consultants Incorporated
P.O. Box 14749
Albuquerque, New Mexico 87191

Certified Mail

Ute Indians "A" #36
Geologic/Geophysical Summary

The Ute Indians "A" #36 is a proposed 8,700' Pennsylvanian Paradox Formation test to be located 932' FSL and 845' FEL of Section 27-T32N-R14W, San Juan County, New Mexico. Although this well will be drilled in a section previously dedicated to Barker Dome Field, it will be testing the downdip structural limit of Ute Dome field and therefore, the following discussion will pertain entirely to the Ute Dome field. There is currently no Paradox production in Section 27.

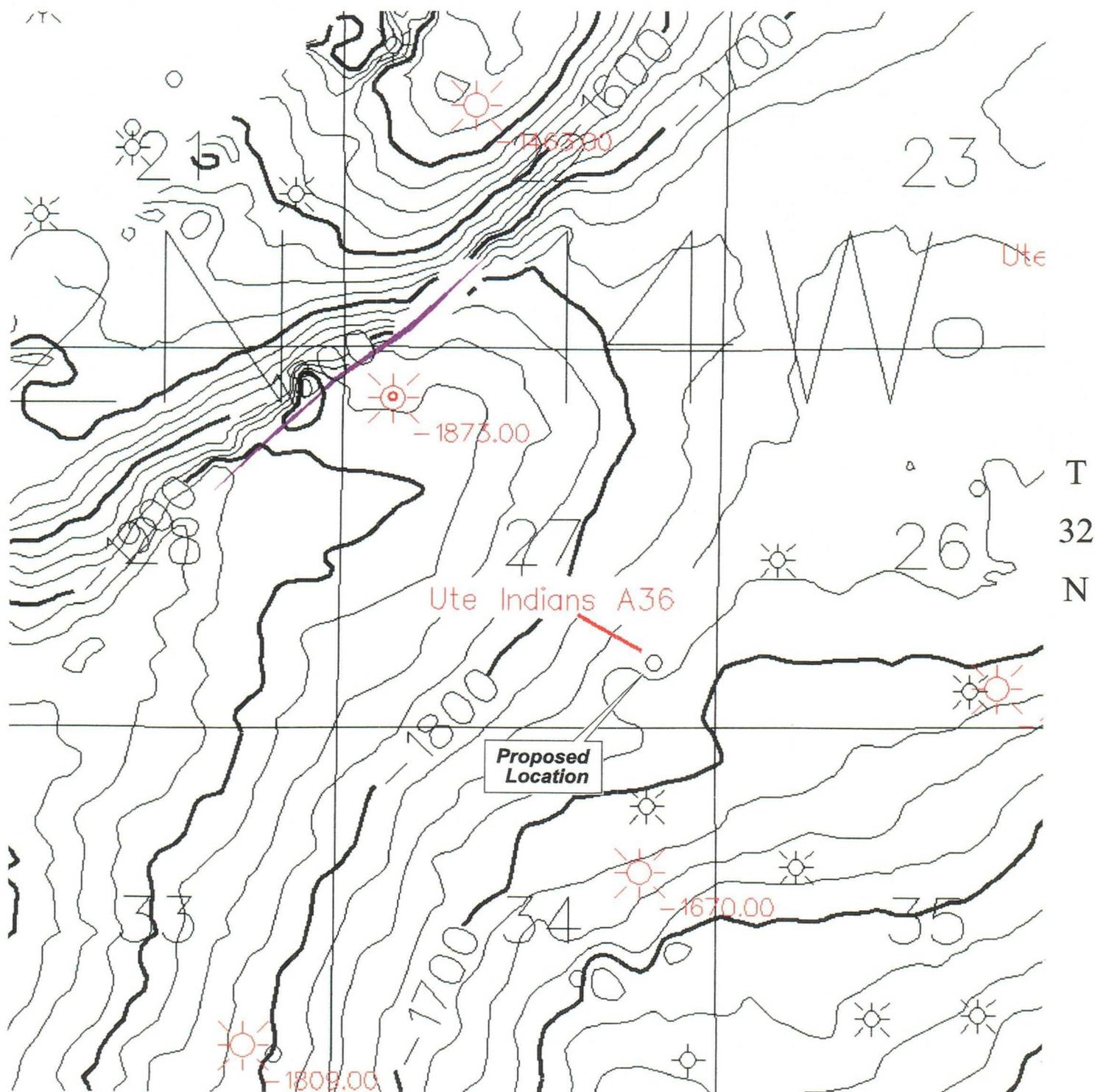
The Paradox Formation at Ute Dome is approximately 900' thick and is primarily composed of algal and fossiliferous carbonates deposited in a shallow water shelf environment. The Paradox has been subdivided into 5 members, which are, in ascending order, the Alkali Gulch, Barker Creek, Akah, Desert Creek, and Ismay. All of these members are productive at Ute Dome. Vertical communication between members appears to be negligible due unique gas/water contacts for each member.

The Ute Dome feature is a structural high formed at the crest of an asymmetrical, northeast plunging anticline. Steeper dips are found on the southern and eastern sides of the anticline, which forms the edge of the present day San Juan Basin. In 2000, XTO Energy acquired additional seismic data and merged it with the original 3-D survey shot by Amoco in 1995, extending 3-D coverage over the entire productive area of Ute Dome. The attached seismic structure map on the top of the Ismay Member was interpreted from the latest 3-D seismic survey.

Several wells along the downdip margins of the productive area have experienced problems with water encroachment. In particular, the Ute Mountain Tribal "D" #1 well in Section 10-T31N-R14W saw average production rates in 1971 plummet from 50,000 Mcf/mth to 2,000 Mcf/mth. Numerous attempts were made through the years to shut off the water production and restore gas production to economic rates. The well has since been shut-in. To maximize ultimate gas recovery and minimize water encroachment, it is imperative that any future wells be drilled as far updip on the structure as practical.

Based on seismic and well data, a well at the proposed location would be structurally flat to the Ute Mountain Tribal "D" #1 and would be approximately 75' high to the Ute Mountain Tribal "K" #1 in Section 33-T32N-R14W at the Ismay level. An unorthodox location is requested in order to get as structurally high as possible, thereby reducing the risk of encountering water which would seriously affect the performance of the well.

R 14 W



T
32
N

UTE DOME
Ute Indians "A" #36 New Drill
SE/4 Section 27 T32N - R14W
San Juan County, New Mexico

**TOP OF ISMAY
STRUCTURE MAP**

Contour Interval: 25'

Date: April, 2003



XTO ENERGY INC.

BURLINGTON
 UTE 14
 22 28873
 0 395
 4904-0209
 PRDX

32N 14W

BURLINGTON
 UTE MNTN UTE 50
 0 59
 0 0
 9811-0002
 PRDX

22

23

BURLINGTON
 UTE 011
 11 12726 21
 0 0
 4503-UNKN
 PRDX

EL PASO
 UTE 017
 0 28
 0 0
 5009-UNKN
 PRDX

28

27

26

UTE INDIAN A
 36
 LOC ○
 XTO
 PROPOSED WELL

XTO
 UTE INDIANS A 11
 0 616
 0 58
 7905-0210
 PRDX

XTO
 UTE INDIANS A 8
 0 10781
 0 503
 7111-0210
 PRDX

33

34

35

BP AMERICA
 UTE MNTN TRIBAL K 001
 0 4574
 0 0
 6605-7303
 PRDX

XTO
 UTE INDIANS A 4
 0 6740
 0 134
 4809-0210
 PRDX

WELLS W/PRODUCTION

Operator
 Well Name & Number
 Cum Oil MBO ● Cum Gas MMCF
 Curr Rate Bopd ● Curr Rate Mcfd
 Start-End Date
 Formation

BARKER CREEK PARADOX

UTE DOME PARADOX

XTO ENERGY

SAN JUAN COUNTY, NEW MEXICO
 9 SECTION 27-32N-14W
 PARADOX PRODUCERS

Jane Foster	B. Voigt	4/21/2003
Scale 1:24000.	1" = 2000'	273214PX.GPF

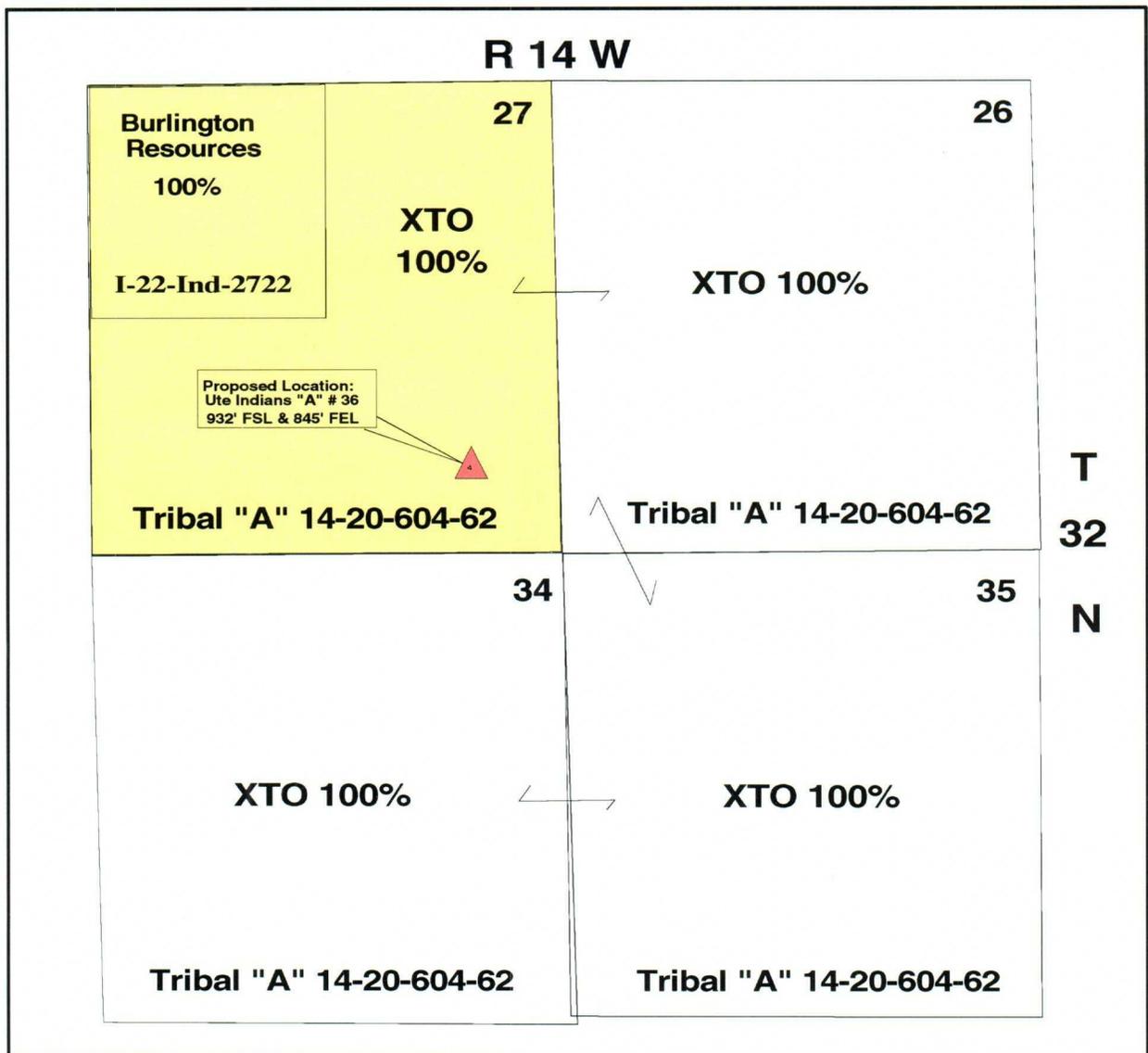
OWNERSHIP MAP FOR Barker Creek - Paradox Gas Pool UTE Indians "A" # 36

STATE: New Mexico COUNTY: San Juan

PROSPECT: 640 Acre Gas Spacing (Barker Creek - Paradox Gas Pool) DATE: April 21, 2003

SECTION: 27 TOWNSHIP: 32 N RANGE: 14 W

SCALE: 1" = 2000'



First, Artesia, N.M. 88210

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name UTE INDIANS A			6 Well Number 36
7 OGRID No.		8 Operator Name XTO ENERGY INC.			9 Elevation 5983'

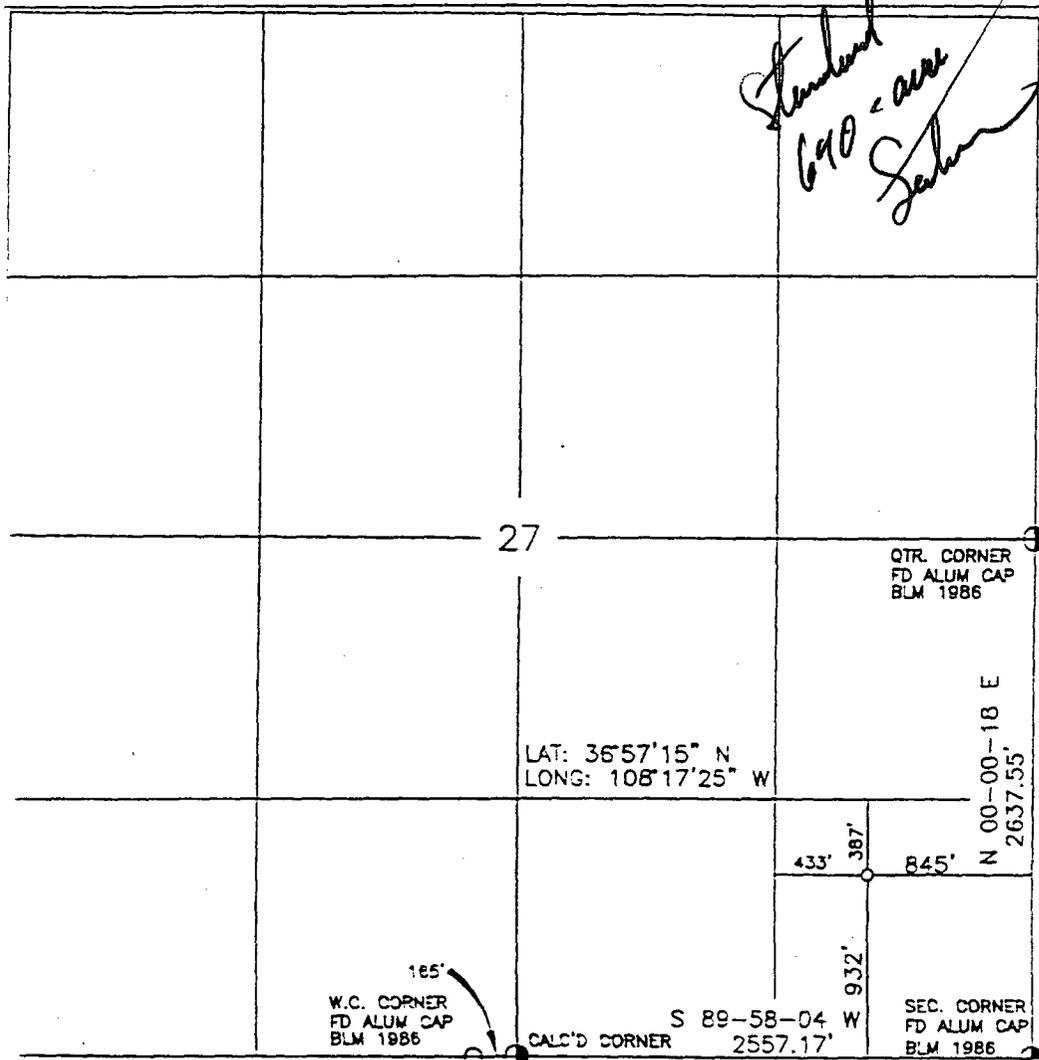
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	32-N	14-W		932	SOUTH	845	EAST	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
12 Dedicated Acres			13 Joint or Infill		14 Consolidation Code		15 Order No.		

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.

Signature _____

Printed Name _____

Title _____

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.

Date of Survey 8-23-00

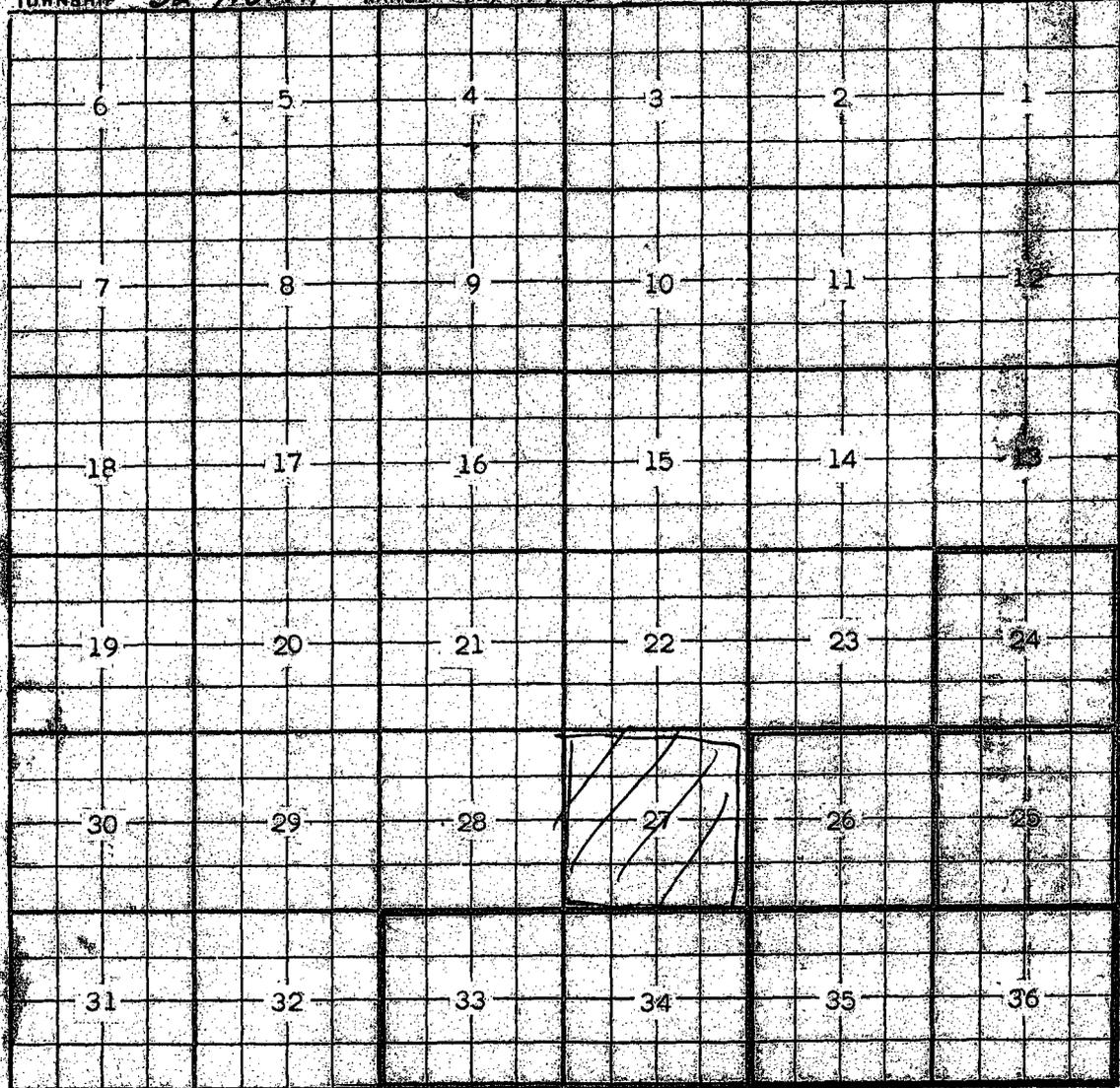
Signature and Seal of Professional Surveyor *[Signature]*

8894

Certificate Number 8894

County San Juan Pool Ute Dome - Paradox

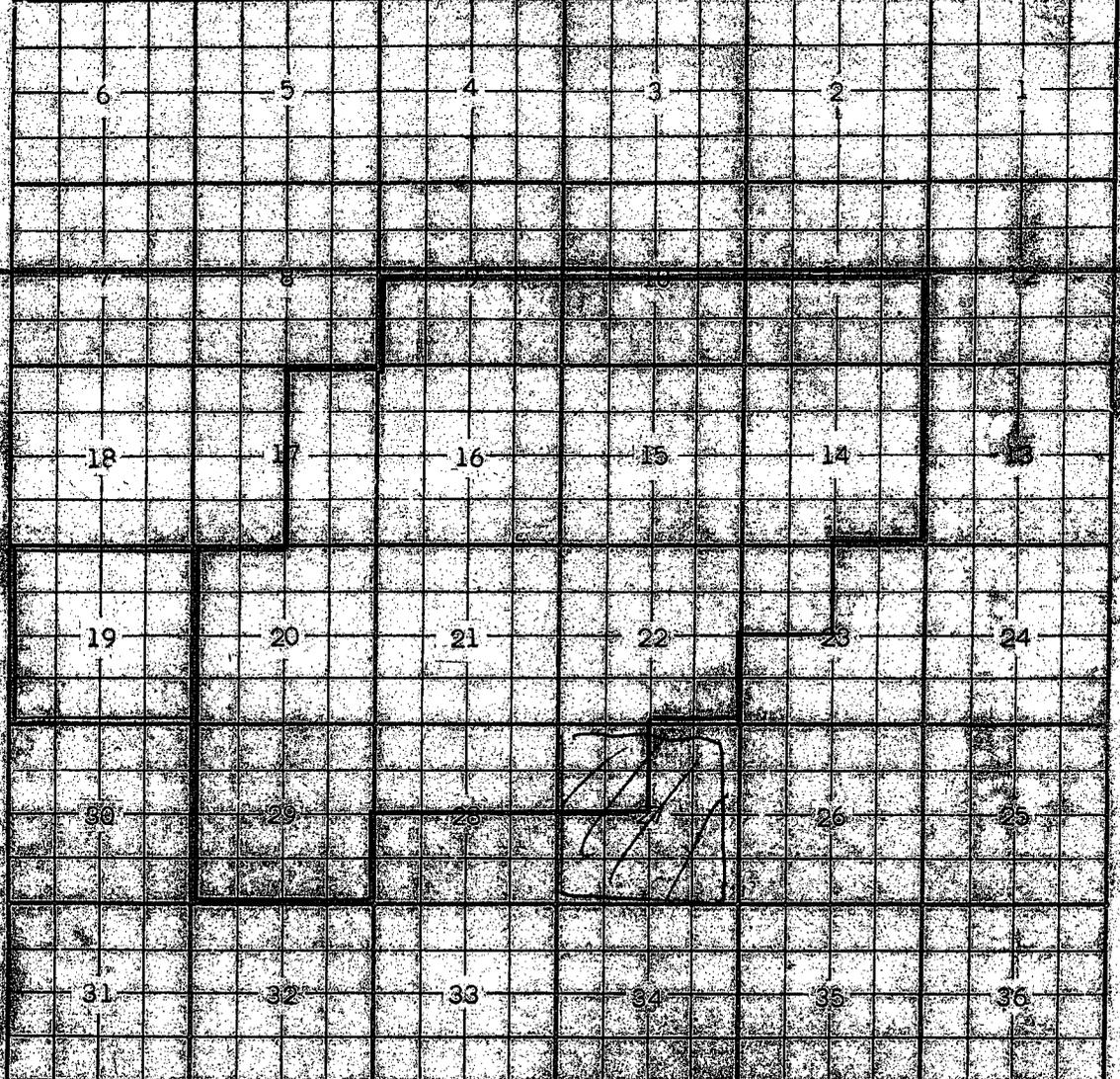
TOWNSHIP 32 North RANGE 14 West NEW MEXICO PRINCIPAL MERIDIAN



Description: All Sec 35 & 36 (R-13, 5-15-50)
 Ext: All Secs 33 & 34 (R-4692, 5-1-72) Ext: All sec 25 (R-4690, 12-1-73)
 Ext: All Secs 24 & 26 (R-5772, 7-1-78)

County San Juan Pool Barker Dome - Paradox

TOWNSHIP 32 North RANGE 14 West NEW MEXICO PRINCIPAL MERIDIAN



Colo.
N.M.

Colo.
N.M.

Description: All Sec 9, 10, 11, 14, 15, 16, 17, All Sec 20, 21, 22,
NW/4 Sec 23; NW/4 Sec 27; N/2 Sec 28; All Sec 29.

Etc: All Sec 19 (R-G 46, 8-1-80)

Contract vertical limits to include only the Lower Barker Creek
and Alkali Gulch intervals at Paradox formation and redesignate
Barker Creek-Paradox Pool as Barker Dome-Paradox Pool (R-46-A, 2-13-95)

CMD : ONGARD 05/07/03 15:09:06
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TPM5

OGRID Idn : 167067 API Well No: 30 45 31604 APD Status(A/C/P) : A
Opr Name, Addr: XTO ENERGY, INC. Aprvl/Cncl Date : 03-21-2003
2700 FARMINGTON AVENUE
BUILDING K, SUITE 1
FARMINGTON,NM 87401

Prop Idn: 22645 UTE INDIANS A Well No: 36

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
Surface Locn	: P	27	32N	14W			FTG 932 F S	FTG 845 F E
OCD U/L	: P		API County	: 45				

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C) : G Cable/Rotary (C/R) : R
Lease typ(F/S/P/N/J/U/I) : U Ground Level Elevation : 5983

State Lease No: Multiple Comp (S/M/C) : S
Prpsd Depth : 8700 Prpsd Frmtn : UTE DOME PARADOX

I6504:UNLT IS IN TRACT U00. ENTER DATA TO MODIFY.
PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 PF08 PF09 PRINT PF10 C102 PF11 HISTORY PF12