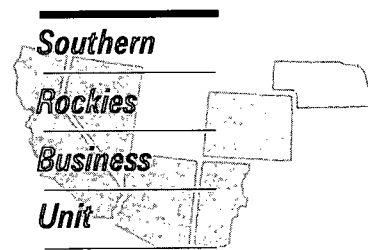


NSL

9/5/96



August 9, 1996

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P.O. Box 6429  
Santa Fe, NM 87505

**Application For Unorthodox Location**  
**Ute Indians Well A#24**  
**795' FSL, 395' FEL, Unit P Section 34-T32N-R14W**  
**Ute Dome Dakota Pool**  
**San Juan County, New Mexico**

Amoco Production Company hereby requests administrative approval for an unorthodox well location for the Ute Indians Well A#24 well to be drilled in the Ute Dome Dakota Pool. The spacing unit for this well is the southeast quarter of Section 34. This well is to be drilled at an unorthodox location for the Dakota as it is closer than the required 790 foot setback to the east line. The unorthodox location is being sought for two reasons; to minimize surface disturbance and to maximize geologic potential. Moving further to the North and East in this location would require much timber cutting which is not desirable to the Ute Mountain Ute Tribe. Attachment 1 is a topographic map showing the timbered areas in yellow. Also attached is a 3-D seismic map indicating the structure and faulting on the Ute Dome. Geologically, staying in the orange shaded area of the section as shown on attachment 2 is preferable as that area is structurally higher thus reducing the risk for producing water in the Basal Dakota sand. In addition, we want to stay to the east of the brown colored fault which cuts from the northwest to the southeast in the quarter section.

Amoco is the operator of all the offsetting quarter sections so no notice is required. A copy of this application will be submitted to the BLM and the Ute Mountain Ute Tribe. Attached is a plat of the subject spacing unit, a topographic map of the surface conditions and a 3-D seismic map showing the geologically preferred location. Should you have questions, do not hesitate to call me at (303) 830-5344.

Pamela W. Staley

**Attachments**

cc: Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

Mark Yamasaki, Amoco  
Patty Haefele, Amoco

Mr. Jim Lovato  
Minerals Staff Chief  
701 Camino Del Rio  
Durango, Colorado 81301

Mr. Craig Canfield, Director  
Tribal Energy and Tax Administration  
Ute Mountain Ute Tribe  
P.O. Box 42  
Towaoc, CO 81334

Amoco Exploration and Production

1670 Broadway

P.O. Box 800

Denver, Colorado 80201

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

Ute Indians Well A#24  
795' FSL, 395' FEL, Unit P Section 34-T32N-R14W  
Ute Dome Dakota Pool  
San Juan County, New Mexico

ATTACHMENTS:

- TOPOGRAPHIC MAP SHOWING LOCATION OF ALL OFFSET WELLS
- FORM C-102 FOR DAKOTA FORMATION
- SEISMIC MAP SHOWING DAKOTA STRUCTURE AND FAULTING OF UTE DOME
- OFFSET OPERATORS PLAT

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Hrazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		86720	Ute Dome Dakota
Property Code	Property Name		Well Number
1183	UTE INDIANS A		# 24
OGRID No.	Operator Name		Elevation
000778	AMOCO PRODUCTION COMPANY		5929

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	34	32 N	14 W		795	SOUTH	395	EAST	SAN JUAN

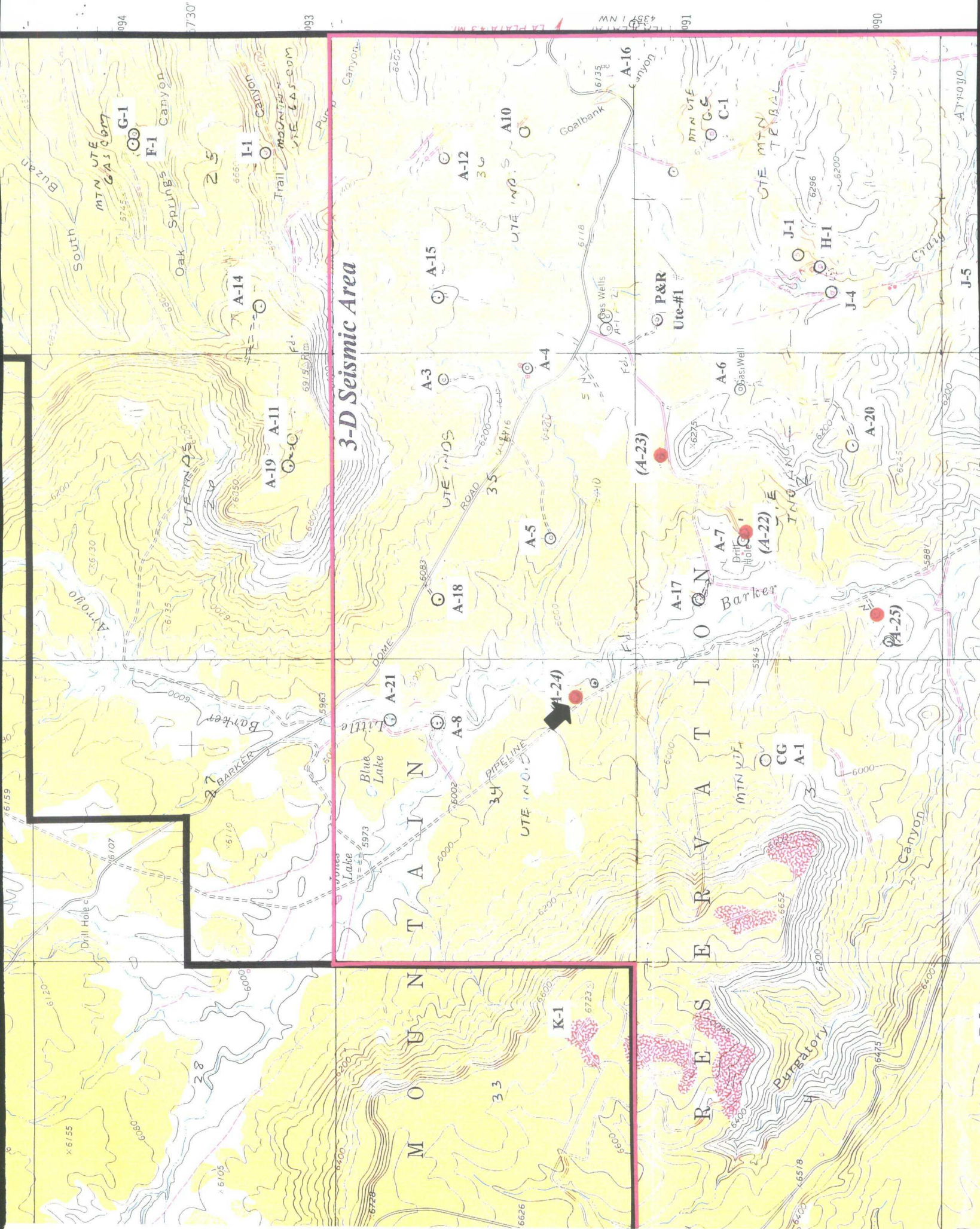
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			
160									

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

<div>16</div> <div>(Unsurveyed)</div> <div>34</div> <div>1320'</div> <div>1320'</div> <div>395'</div> <div>795'</div>				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <div>Patty Haefele</div> <div>Signature</div> <div>Patty Haefele</div> <div>Printed Name</div> <div>Staff Assistant</div> <div>Title</div> <div>8/7/96</div> <div>Date</div>	
				<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <div>August 1, 1996</div> <div>Date of Survey</div> <div>GARY D. VAUGHN</div> <div>Signature and Seal of Professional Surveyor</div> <div>7016</div> <div>Certificate Number</div>	
				<div>NEW MEXICO</div> <div>REGISTERED PROFESSIONAL LAND SURVEYOR</div> <div>7016</div>	



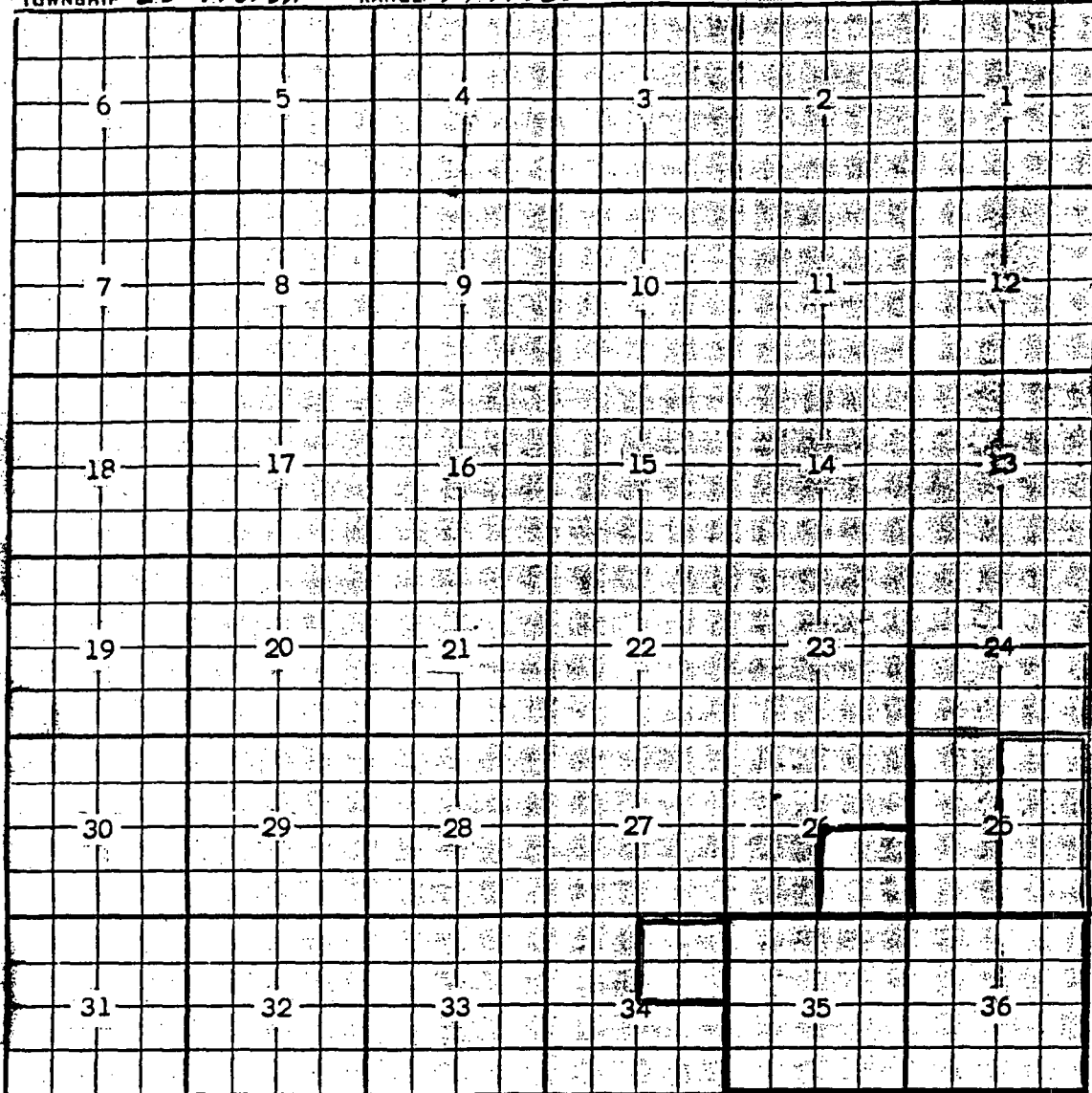






County San JuanPool Ute Dome - DakotaTOWNSHIP 32 NorthRANGE 14 West

NEW MEXICO PRINCIPAL MERIDIAN

Description; All Sec. 35 & 36 (R-13, 3-15-50)Ext: E/2 Sec 25 (R-4690, 12-1-73) Ext: 1/2 Sec 24 (R-5779, 8-1-78)Ext: W/2 Sec. 25 (R-6327, 5-1-80) Ext: SE/4 sec 26, NE/4 sec 34,  
(R-6886, 1-22-82)

Pool Ute Dome - Dakota

TOWNSHIP *3/ North*

RANGE. 14 West

NEW MEXICO PRINCIPAL MERIDIAN

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a standard 6x6 grid pattern. A 3x3 square is highlighted in the top right corner, containing the numbers 10, 11, 12, 15, 14, 13, 22, 23, and 24.

Description: All Sec. 1 & 2 (R-13, 3-15-50)

Ext: All Sec 10 & 11 (R-4690, 12-1-73)



COUNTY *San Juan*POOL *Ute Dome - Dakota*TOWNSHIP *32 North*RANGE *13 West*

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Ext:  $\frac{SW}{4}$  Sec 30 (R-5339, 2-1-77) EXT:  $\frac{N}{2} + \frac{SE}{4}$  Sec. 30 (R-6056, 8-1-79)

Ext:  $\frac{N}{2}$  Sec 31 (A-7046, 8-6-82)