



Southern

Rockies

Business

Unit

August 9, 1996

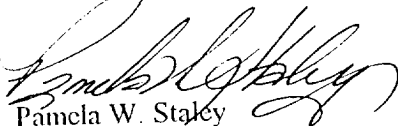
Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P.O. Box 6429  
Santa Fe, NM 87505

**RECEIVED**  
AUG 15 1996  
OIL CON. DIV.  
DIST. 3

**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 Haelele, 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

~~Towaco, CO 81334~~

Amoco Exploration and Production

1670 Broadway

P.O. Box 800

Denver, Colorado 80201

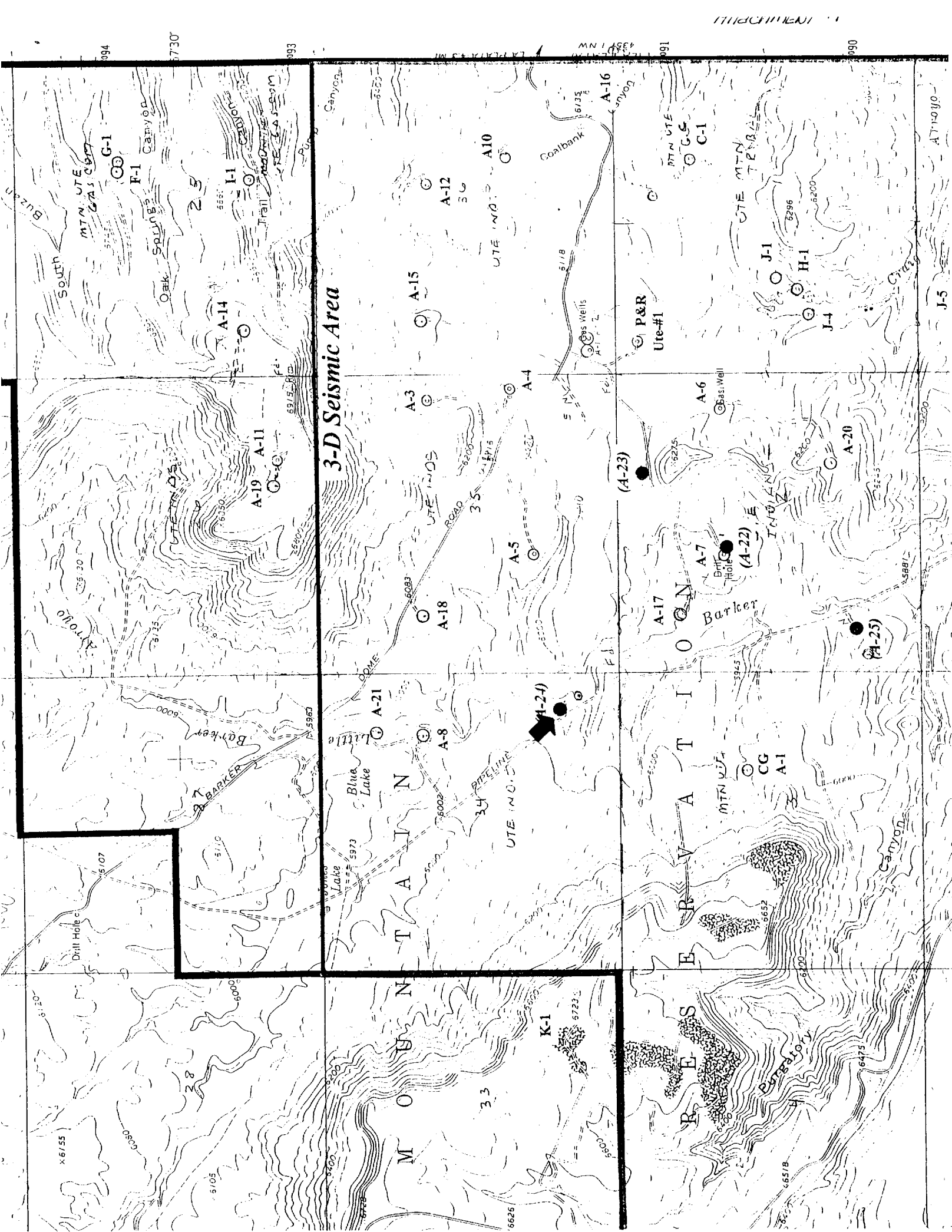
APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

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

Certificate Number:





**LTR**



**Job separation sheet**

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NOV 22 1996  
OIL CON. DIV.  
DIST. 3

# AFFIDAVIT

THIS IS TO CERTIFY that to the best of my knowledge, the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S:

3c-c45-29418

Section 34 Township 32N Range 14W

NEW MEXICO

NEW MEXICO

*Nancy White*

STAFF ASSISTANT

### Title

[illegible]

BEFORE ME, the undersigned authority, on this day personally appeared Nancy I. Whitaker known to me to be \_\_\_\_\_  
STAFF ASSISTANT for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me dully sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN to before me, a Notary Public in and for  
said County and State this 19th day of November, 19 96

Notary Public

My Commission Expires: August 12, 1999

PATRICIA J. ARCHULETA  
NOTARY PUBLIC  
STATE OF COLORADO