

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





OIL CON. DIV.

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. Geolgically, 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 Hacfele, 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

# 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, Hubbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410

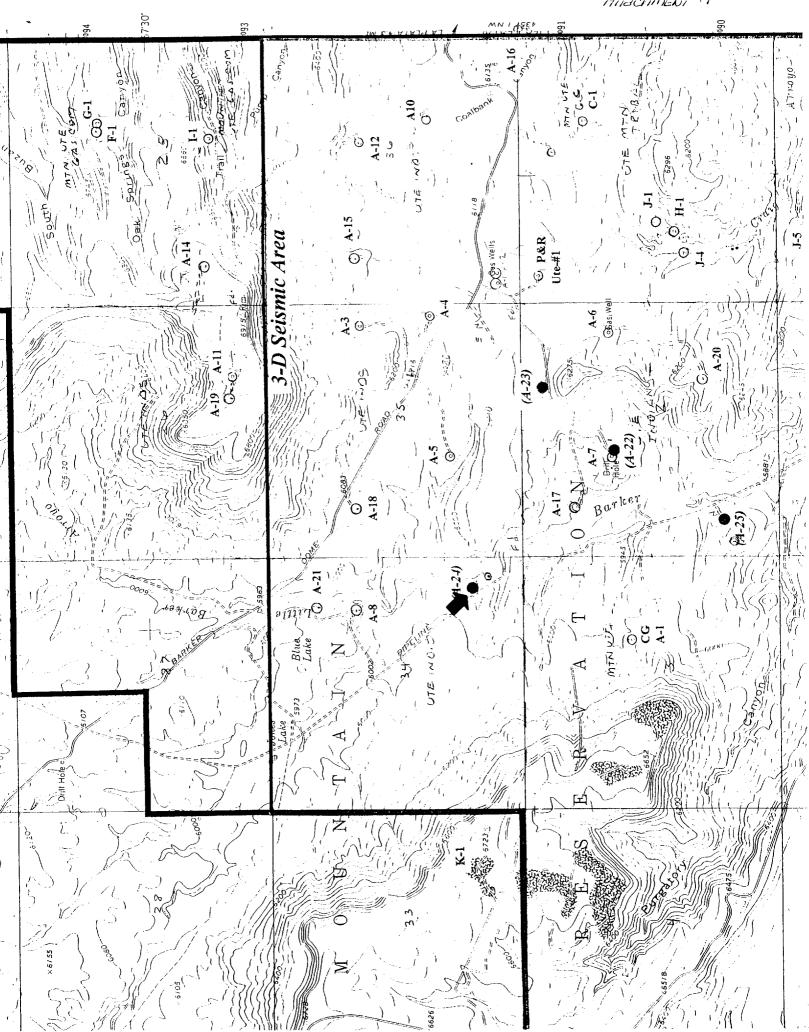
#### State of New Mexico Energy, Minerals & Natural Resources Department

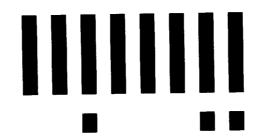
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 21, 1994 Instructions on back

Submit to Appropriate District Office , State Lease - 4 Copies

Fee Lease - 1 Copies

District IV PO Box 2048, Sai	ila Fe, NM I								AME	NDED REPORT
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000778 AMO			CO PI	CO PRODUCTION COMPANY  10 Surface Location					1	3727
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**Job separation sheet** 

# TABULATION OF DEVIATION TESTS

\* \* AMOCO PRODUCTION COMPANY \* \*

DEPTH	DEVIATION	DEPTH	DEVIATION
117	.25		
430	.25		· .
641	1.00		
890	<u>.5</u>		
1138	<u>.75</u>		MNV 20 CO
1637	.25		MOV 2 2 1996
2134	4.00		OUL COM. DOW
2353	2.75		DIST. 3
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## **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:

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COUNTY OF DEN	IVER	)					
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SUBSCRIBED AN said County and Latinia Notary Publi	State this	N to b	efore me, — day of	a No	otary Pub vember	lic in an	d for 19 <sup>96</sup>
My Commission	Expires: 4	Lug	ust 12,	/9	9 <u>9</u>		CIA J. ARCHULETA