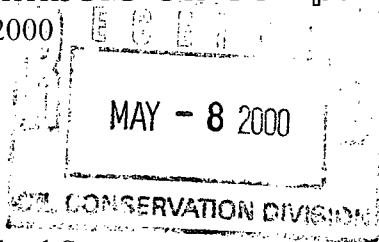




**Cross Timbers Oil Company**

May 3, 2000



118

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

**Certified Mail # Z 225 589 658**

Re: Application for Administrative Approval to Amend Order No. R-10682 to Allow for Unorthodox Location as to the Morrison Formation  
Cross Timbers Operating Company's Ute Indians A #22 Well (API No. 30-045-29410)  
1,880' FNL & 2,150' FWL of Sec. 2, T31N, R14W  
(SE/4 NW/4), Unit F  
San Juan County, New Mexico

Dear Mr. Stogner:

Cross Timbers Operating Company hereby requests administrative approval for the captioned order to be amended to allow for production from the Morrison formation. Attached for your reference are the following exhibits:

1. Well location plat (NMOCD Form C-102)
2. Ownership map
3. Copy of NMOCD Order No. R-10682

Our predecessor in title, Amoco Production Company, received approval for an unorthodox gas well location in the Ute Dome-Dakota Pool formation pursuant to Order No. R-10682, copy attached. Amoco subsequently drilled and completed the captioned well on November 27, 1996 as a 160.24-acre (NW/4) producing Dakota unit. Cross Timbers Operating Company would like to deepen the well approximately 150 feet and recomplete in the Morrison formation. The current rules state that the well should be located no closer than 660' to the outer boundary of the quarter section line for all gas development on 160-acre spacing. The existing location will not conform to the current spacing pattern. Since a new well would not be economically feasible to drill for just the Morrison formation, Cross Timbers would like to deepen the existing wellbore for a recompletion attempt. By deepening the existing well to the Morrison formation, Cross Timbers would be able to minimize environmental impact while hopefully obtaining additional production.

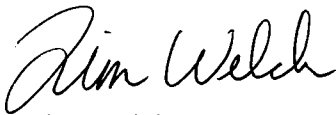
All of Section 2 and all adjoining spacing units are included within a single 4,200-acre lease granted by the Ute Mountain Ute Indians to Amoco. Since this lease is now 100% owned by Cross Timbers, there are no other offset owners or operators to notify.

Unorthodox Location Amendment Request  
May 3, 2000  
Page 2

In summary, Cross Timbers would like to request that the captioned Unorthodox Location Order be amended to allow for production from the Morrison formation based on the information stated above. If additional clarification or information is needed, please call me at (817) 885-2661.

Your consideration in this matter is appreciated.

Very truly yours,



Tim Welch  
Senior Landman  
Cross Timbers Operating Company

cc: Ute Mountain Ute Tribe  
P.O. Box 42  
Towac, Colorado 81334

Certified Mail # Z 225 589 659

BLM-Durango  
SJ Resource Area  
15 Burnett Court  
Durango, Colorado 81301-3647

Certified Mail # Z 225 589 660

Cross Timbers Operating Company:  
Gary Markestad  
Loren Fothergill  
Tom DeLong  
Barry Voigt

5-22-00

Callal Hysler  
to verify  
vertical limit of  
Dakota interval  
and Morrison.

OK'd by  
AZdec  
(Steve)  
5-22-00

Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos 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

APN Number		Pool Code	Pool Name	
		86720	Ute Dome Dakota	
Property Code		Property Name	Well Number	
1183		Ute Indians A	22	
GRID No.	Operator Name		Elevation	
000778	AMOCO PRODUCTION COMPANY		5995	

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
F	2	31 N	14 W		1880	NORTH	2150	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

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 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

SUN RECORD 1320 1323.96 1320	16 1320'	1320'			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Patty Harfele Signature Patty Harfele Printed Name Staff Assistant Title 7-16-96 Date
	2150'	1880'			
			2		
					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. July 5, 1996 Date of Survey Signature and Seal of Professional Approver: GARY D. VANDERKAM NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 7016 Certificate Number



# Cross Timbers Oil Company

Ownership Map for all Formations

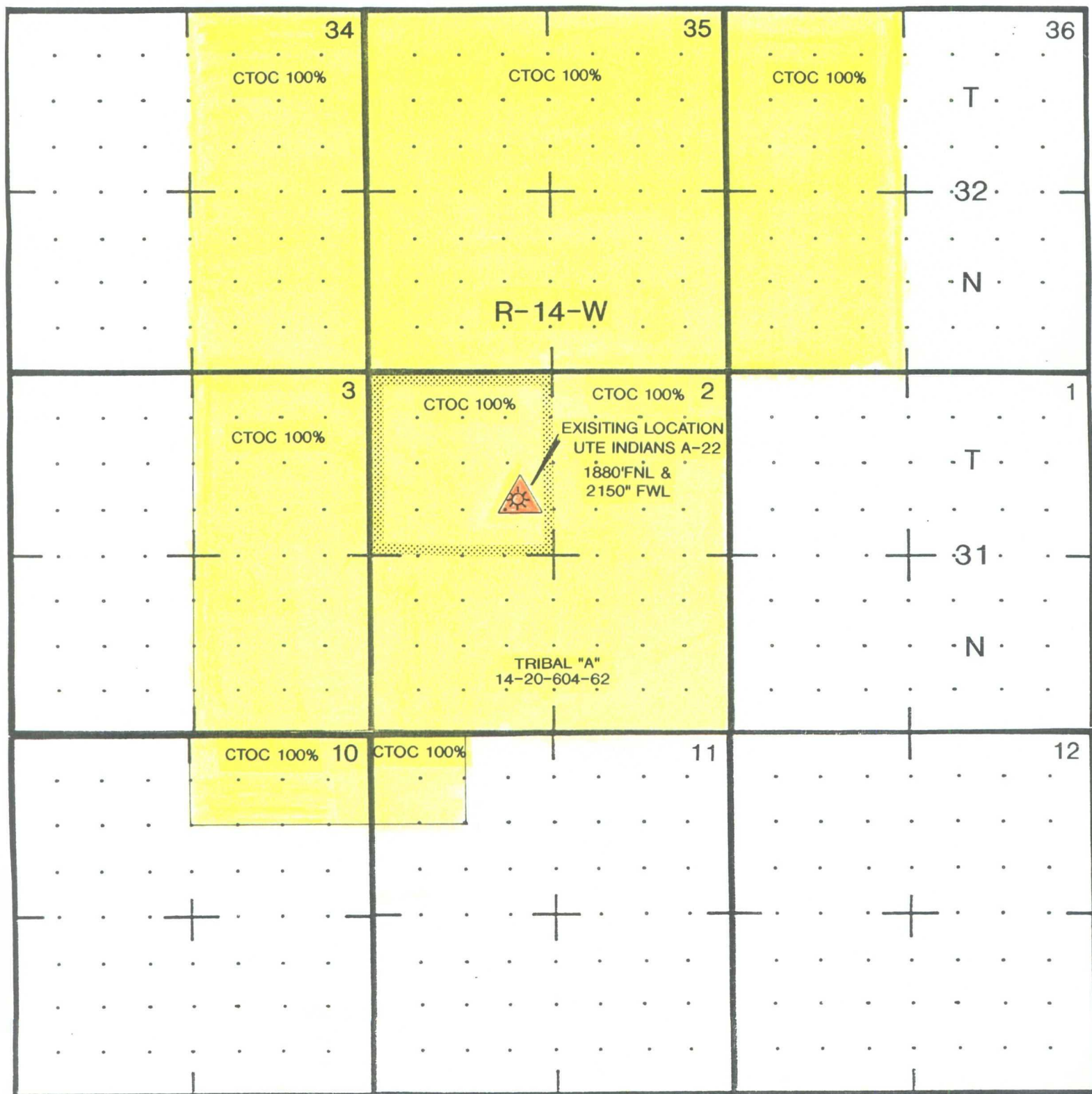
Ute Indians A-22 Well, NW/4 of Section 2 T-31-N, R-14-W

STATE: New Mexico COUNTY: San Juan

PROSPECT: NW/4=160.24Acres gas spacing and proration unit. DATE: 5/5/2000

SECTIONS: 2 BLOCK: \_\_\_\_\_ SURVEY: \_\_\_\_\_

ACRES: \_\_\_\_\_ TOWNSHIP: 31-N RANGE: 14-W 14-20-604-62  
Tribal "A"



MAY 04 2000

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

Case 11586

APPLICATION OF AMOCO PRODUCTION COMPANY FOR AN UNORTHODOX  
"INFILL" GAS WELL LOCATION AND SIMULTANEOUS DEDICATION, SAN  
JUAN COUNTY, NEW MEXICO.

*ORDER NO. R-10682 and  
DIVISION ADMINISTRATIVE ORDER NSL-3717*

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on August 8, 1996, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 11th day of October, 1996, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) On July 16, 1996 Amoco Production Company ("Amoco") filed with the New Mexico Oil Conservation Division ("Division"), an application for an exception to Division General Rule 104.D(3) to continuously and concurrently produce Ute Dome-Dakota Pool gas production from both its proposed Ute Indians "A" Well No. 22, to be drilled at a standard gas well location in the NW/4 equivalent of Section 2, Township 31 North, Range 14 West, NMPM, San Juan County, New Mexico, and from its existing Ute Indians "A" Well No. 17 (API No. 30-045-24604), located at a standard gas well location 1120 feet from the North and West lines (Lot 4/Unit D) of said Section 2, and for the simultaneous dedication of both wells to the 160.24-acre gas spacing and proration unit

comprising Lots 3 and 4 and the E/2 NW/4 (NW/4 equivalent) of said Section 2.

(3) The Ute Dome-Dakota Pool is at this time considered an "unprorated gas pool" and therefore is not governed by the "*General Rules for the Prorated Gas Pools of New Mexico*", as promulgated by Division Order No. R-8170, as amended. The Ute Dome-Dakota Pool is therefore subject to the Division's Statewide Rule 104.C(3)(a), which require standard 160-acre gas spacing and proration units with wells to be located no closer than 790 feet to any outer boundary of the tract nor closer than 130 feet to any quarter-quarter section or subdivision inner boundary.

(4) The Ute Indians "A" Well No. 17 was drilled in 1981 and completed in the Ute Dome-Dakota Pool. Its location 1120 feet from the North and West lines of said Section 2 was based on established and surveyed section lines to the east and projected into the then unsurveyed Ute Mountain Indian Reservation. According to the evidence presented by the applicant and to records on file with the State of New Mexico, the Chief Cadastral Surveyor for New Mexico accepted on behalf of the United States Department of the Interior - Bureau of Land Management on April 27, 1987 an official survey of Township 31 North, Range 14 West, NMPM, San Juan County, New Mexico.

(5) Pursuant to the 1987 survey the location of the Ute Indians "A" Well No. 17 is actually 1150 feet from the North line and 1050 feet from the West line (Lot 4/Unit D) of said Section 2, which is still considered to be a standard gas well location for this pool.

(6) On August 8, 1996, immediately after the hearing and upon the hearing examiner's request, Amoco submitted a request for administrative review of its application for the subject Ute Indians "A" Well No. 22 to be drilled at an unorthodox gas well location, based on the 1987 survey, 1880 feet from the North line and 2150 feet from the West line (Unit F) of said Section 2.

(7) Since issues common to both applications were discussed on the record at the time of the examiner's hearing both applications should be jointly considered, reviewed, and, if applicable, a single order by the Division should be issued for clerical and administrative purposes.

(8) As indicated by Amoco with its administrative request filed pursuant to the provisions of Division General Rule 104.F, revised by Division Order No. R-10533, issued by the Oil Conservation Commission in Case 11,351 on January 18, 1996 and through testimony and evidence presented at the time of the hearing, necessity for the unorthodox location of the proposed Ute Indians "A" Well No. 22 is both geologic and topographic:

(a) Geologically, the gas bearing Dakota interval in the immediate area indicates a dome that is shattered and broken

up with numerous faults. Seismic data available to Amoco indicates the existence of a southwest/northeast trending fault between the existing Ute Indians "A" Well No. 17 and the proposed Ute Indians "A" Well No. 22 and without the second well the Dakota interval to the east of this fault would not be adequately drained by the existing well.

(b) Topographically, it is deemed advantageous to both surface use agencies involved in this matter, the United States Bureau of Land Management and the Ute Mountain Ute Indian Tribe, to utilize existing drilling pads where available. In this particular instance the Amoco Ute Indians "A" Well No. 7 (API No. 30-045-11049), a Ute Dome-Paradox Pool gas producing well, is situated within the SE/4 NW/4 (Unit F) of said Section 2 at an accessible location to accommodate the proposed Ute Indians "A" Well No. 22.

(9) All of said Section 2 and all immediate offsetting sections are included within a single 4,200-acre lease from the Ute Mountain Ute Indians to Amoco, therefore, no other interest owners or properties are adversely affected by the proposed unorthodox "infill" gas well location or the inclusion of a second well on the existing 160.24-acre Ute Dome-Dakota Pool gas spacing and proration unit.

(10) Approval of the subject application is in the best interest of conservation, exhibits sound reservoir engineering practices, will not violate correlative rights, will afford the applicant the opportunity to produce its just and equitable share of the gas in the Ute Dome-Dakota Pool, and will serve to prevent waste.

**IT IS THEREFORE ORDERED THAT:**

(1) The application of Amoco Production Company to drill its Ute Indians "A" Well No. 22 at an unorthodox "infill" gas well location in the Ute Dome-Dakota Pool, 1880 feet from the North line and 2150 feet from the West line (Unit F) of Section 2, Township 31 North, Range 14 West, NMPM, San Juan County, New Mexico is hereby approved.

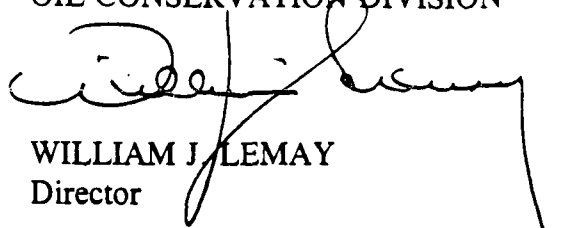
(2) The applicant's request for an exception to Division General Rule 104.D(3) to continuously and concurrently produce Ute Dome-Dakota Pool gas production from both its proposed Ute Indians "A" Well No. 22 and from its existing Ute Indians "A" Well No. 17 (API No. 30-045-24604), located at a standard gas well location 1150 feet from the North line and 1050 feet from the West line (Lot 4/Unit D) of said Section 2, and for the simultaneous dedication of both wells to the 160.24-acre gas spacing and proration unit comprising Lots 3 and 4 and the E/2 NW/4 (NW/4 equivalent) of said Section 2, is also approved.



(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

S E A L

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or recomplete an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cross Timbers Operating Company

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

3b. Phone No. (include area code)

324 1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,880' FNL & 2,150' FWL Sec 2, T 31 N, R 14 W.

5. Lease Serial No.

14-20-604-62

6. If Indian, Allottee or Tribe Name

Mountain Ute Tribe

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

Ute Indians A #22

9. API Well No.

30-045-29410

10. Field and Pool, or Exploratory Area

Ute Dome Dakota

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                    |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                    |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>SI Status</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |  |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers Operation Company request an extension to the shut in status of 6 months to evaluate setting a CIBP to shut off the suspected water flow from the Burro Canyon and re complete Dakota zones that were missed in the original completion.

SEE ATTACHED  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Loren W. Fothergill

Title

Operations Engineer

Date Oct 11, 1999

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ JOHN L. PECCOR

ACTING

MINERALS STAFF CHIEF

Date

OCT 27 1999

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

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.

Cross Timbers Operating Company  
2700 Farmington Ave. Bldg. K. Ste 1  
Farmington, NM 87401

RE: Sundry dtd 10/7/99  
Ute Mountain Tribe "L" 1  
Lease: MOOC 1420-0627  
API No: 3004522564

Ute Mountain Tribe "J" 1  
Lease: 142060478  
API No. 3004521011

Ute Indians A #22  
Lease: 142060462  
API No. 3004529410

#### CONDITIONS OF APPROVAL

The Gas Shut-In Status (GSI) for the referenced well is extended for a one year period commencing on 10/19/99 until 10/19/2000 after which time the wells must be (1) Returned to production (2) Plugged and abandoned. (3) Request for extension of status with economic justification. If you desire a status extension, a Mechanical Integrity Test (MIT) of the well(s) will be required.

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 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-104

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address CROSS TIMBERS OPERATING COMPANY 6001 Highway 64 Farmington, NM 87401		OGRID Number 167067
		Reason for Filing Code 11198 Change of Operator 12/1/97
API Number 30 - 0 4529410	Pool Name Ute Dome Dakota	Pool Code 86720
Property Code 22645	Property Name Ute Indians A	Well Number 22

II. Surface Location

Ul or lot no. F	Section 2	Township 31N	Range 14W	Lot Ida	Feet from the	North/South Line N	Feet from the	East/West line W	County SJ
--------------------	--------------	-----------------	--------------	---------	---------------	-----------------------	---------------	---------------------	--------------

Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
U									
Loc Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description

RECEIVED  
MAY - 8 1998

IV. Produced Water

POD	POD ULSTR Location and Description
	OIL CON. DIV. DIST. 3

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DIIC, DC, MC
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Vaughn O. Vennerberg, II</i>		OIL CONSERVATION DIVISION Approved by: Frank T. Chavez Title: Supervisor District #3 Approval Date: JAN 01 1998	
Printed name: Vaughn O. Vennerberg, II	Date: 12/1/97	Phone: (505) 632-5200	

If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature: <i>Gail Jefferson</i>	Printed Name: Gail Jefferson	Title: Sr. Adm. Staff Asst.	Date: 12/1/97

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

(See other in-  
structions on  
reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

97 JAN 17 PM 2:09

070 FARMINGTON, NM

RECEIVED  
3004529410

JAN 27 1997

Bureau of Land Management  
Durango, Colorado

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR  
Amoco Production Company  
Attention: NANCY I. WHITAKER

3. ADDRESS AND TELEPHONE NO.  
P.O. Box 800, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1880 FNL 2150 FWL

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-604-62  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE MOUNTAIN UTES  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME, WELL NO.  
UTE INDIANS A # 22  
9. API WELL NO.  
3004529410  
10. FIELD AND POOL, OR WILDCAT  
UTE DOME DAKOTA  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 2  
Township 31N Range 14W

14. PERMIT NO. DATE ISSUED  
12. COUNTY OR PARISH  
SAN JUAN  
13. STATE  
NEW MEXICO

15. DATE SPUDDED 10/18/96 16. DATE T.D. REACHED 10/22/96 17. DATE COMPL. (Ready to prod.) 11/27/96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5995 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2490 21. PLUG, BACK T.D., MD & TVD 2432 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
2274 - 2357 DAKOTA  
25. WAS DIRECTIONAL SURVEY MADE  
N

26. TYPE ELECTRIC AND OTHER LOGS RUN  
27. WAS WELL CORED  
N

28. CASING RECORD (Report all strings set in well)				
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD
7" CF-50	23#	381	8.75"	100 SXS CLASS B
4.5" WC-50	11.6#	2475'	6.25"	200 SXS CLASS B

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACING (MD)
					2.375"	2264'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2274-2279, 2336-2344, 2349-2357 - 4 JSPF -.038" 88 HOLES				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				NOT FRACTURED	

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
		FLOWING				SI w/o 1st Del	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
12 16 1996	24	1/4"		TRACE	445	0	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
290	0		TRACE	445	0		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
TO BE SOLD  
TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
NONE

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Nancy I. Whitaker TITLE STAFF ASSISTANT DATE 01-16-1996

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
CLIFF HOUSE	SURFACE					
PT LOOKOUT	380					
GALLUP	1048					
Greenhorn	2008					
Dakota	2220					

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-104  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District  
Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator name and Address Amoco Production Company P.O. Box 800 Denver, Colorado 80201		OGRID Number 000778
		Reason for Filing Code NW
API No. 3004529410	Pool Name UTE DOME DAKOTA	Pool Code 86720
Property Code	Property Name UTE INDIANS A	Well Number # 22

II. Surface Location

UL or lot no. F	Section 2	Township 31N	Range 14W	Lot. Idn	Feet from the 1880	North/South Line NORTH	Feet from the 2150	East/West Line WEST	County San Juan
--------------------	--------------	-----------------	--------------	----------	-----------------------	---------------------------	-----------------------	------------------------	--------------------

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
---------------	---------	----------	-------	----------	---------------	------------------	---------------	----------------	--------

Use Code F	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	-----------------------	---------------------	---------------------	----------------------	-----------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
9018	Giant Refining Co. P.O. BOX 12999 SCOTTSDALE, AZ. 85267	2818667	O	
25244	WILLIAMS FIELD SERVICES P.O. BOX 3102 TULSA, OK. 74101	2818668	G	

RECEIVED  
JAN 17 1997

IV. Produced Water

POD 2818667	POD ULSTR Location and Description
----------------	------------------------------------

OIL CON. DIV.  
DIST. 3

IV. Well Completion Data

Spud Date 10/18/96	Ready Date 11/27/96	TD 2490	PBTD 2432	Perforations 2274-2357	DHC, DC, MC
Hole Size 8.75"	Casing & Tubing Size 7"	Depth Set 381	Sacks Cement 100 SXS CLASS B		
6.25"	4.5"	2475	200 SXS CLASS B		

IV. Well Test Data

Date New Oil	Gas Delivery Date	Test Date 11/28/96	Test Length 24 HRS	Tbg. Pressure 290	Csg. Pressure 0
Choke Size 1/4"	Oil TRACE	Water 0	Gas 445 MCF	AOF	Test Method F

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Nancy I. Whitaker*

Printed name: Nancy I. Whitaker

Title: Staff Assistant

Date: 11/16/96

Phone: 303-830-5039

2-6-97 OIL CONSERVATION DIVISION

Approved By: *J.S.*

Title: SUPERVISOR DISTRICT # 3

Approval Date: FEB - 6 1997

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

14-20-604-62

6. If Indian, Allottee or Tribe Name

UTE MOUNTAIN UTES

7. If Unit or CA, Agreement Designation

8. Well Name and No.

UTE INDIANS A 22

9. API Well No.

3004529410

10. Field and Pool, or Exploratory Area

UTE DOME DAKOTA

11. County or Parish, State

SAN JUAN

New Mexico

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-5217

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1880 FNL

2150FWL

Sec. 2 T 31N R 14W

Unit F

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud & Casing

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MilRU spud a 8.75" surface hole on 10/18/96 @ 1630 hrs. Drilled to 386'. Set 7" 23#/ft. CF-50 surface casing at 381'. Cemented with 100 sxs Class B. Circulated 8 bbls to surface.

Drilled 6.25" production hole to 2490'. Set 4.5' 11.6#/ft. WC-50 production casing @ 2475'. Cemented with 200 sxs Class B. Circulated 21 bbls to surface. Pressure tested casing to 1825 PSI.

Rig released 10/22/96 @ 2300 hrs.

Note: CBL will be run and submitted when well is completed.

RECEIVED  
NOV 19 1996

OIL CON. DIV.

ACCEPTED FOR RECORD

Dr. Dyer 11-15-96  
San Juan Resource Area  
Bureau of Land Management

RECEIVED  
BLM  
96 NOV -6 AM 9:59  
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed

*Nancy I. Whitaker*

Title

Staff Assistant

Date

11-05-1996

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

b. TYPE OF WELL

DRILL ☒

DEEPEN ☐

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Attention:

Amoco Production Company

778

Patty Haefele

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4988

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1880' FNL

2150' FWL

Unit F

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

30 miles from Farmington, NM

15. DISTANCE FROM PROPOSED  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any)

16. NO. OF ACRES IN LEASE

4200

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

180

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

19. PROPOSED DEPTH

2470'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR., etc.)

5995' GR

22. APPROX. DATE WORK WILL START\*

09-01-98

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8.75"	7.000" J-55	20#	350'	110 cu.ft. Std. cement, circ to surface
8.25"	4.500" J-55	11.8#	2470'	310 cu.ft 50/50 std cmt, tail w/ 88 cu.ft., circ to surface

Notice of Staking submitted on 7/16/96 as the Ute Indians A #22.

Lease Description:

Venting / Flaring approved per NTL-4A

RECEIVED  
OCT 11 1996  
RECEIVED  
AUG 8 1996

T31N R14W: Sec 2: all, Sec 3: E/2, Sec 10: N/ENE/4, Sec 11: NW/4NW/4

T32N R14W: Sec 25: SW/4 NE/4 & S/2 NW/4 & NW/4 NW/4 & SW/4 & W/2 SE/4  
Sec 26: all, Sec 27: SE/4, Sec 34: all, Sec 35: all, Sec 36: all

Bureau of Land Management  
Durango, Colorado  
DIST. 3

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.

APPROVED FOR A PERIOD  
NOT TO EXCEED 1 YEAR.

SEE ATTACHED  
CONDITIONS OF APPROVAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is 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

Patty Haefele

TITLE Staff Assistant

DATE

07-24-1998

(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 BY

Jim Jacob

TITLE

Area Manager

DATE

10-10-96

NMCCD

\*See Instructions On Reverse Side

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

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer D11, Artesia, NM 88211-0719  
District III  
1000 N. Main 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 30-045-29410		Pool Code 86720	Pool Name Ute Dome Dakota
Property Code 1183	Property Name Ute Indians A		Well Number 22
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY		Elevation 5995

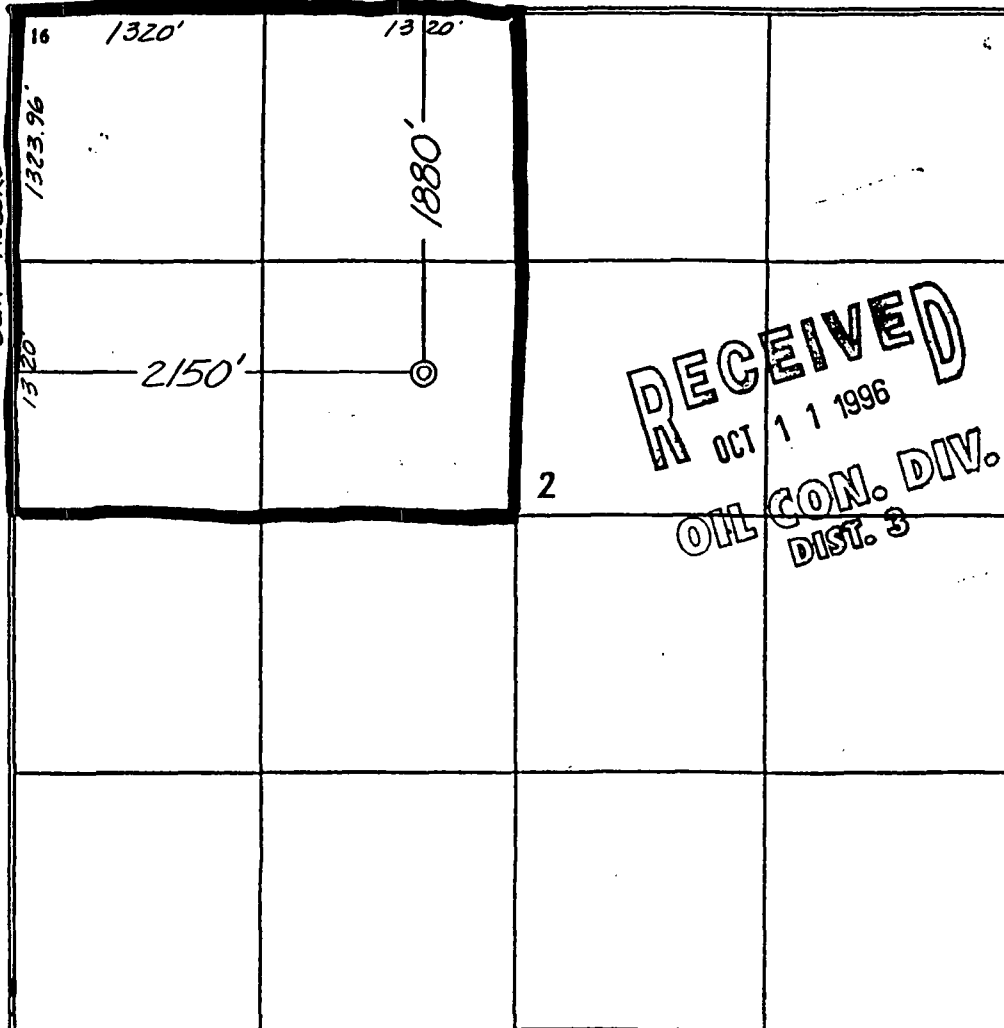
10 Surface Location

UL or lot no. F	Section 2	Township 31 N	Range 14 W	Lot Idn	Feet from the 1880	North/South line NORTH	Feet from the 2150	East/West line WEST	County 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 160		Joint or Infill		Consolidation Code		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  
Patty Haefele  
Printed Name  
Patty Haefele  
Title  
Staff Assistant  
Date  
7-16-96

18 SURVEYOR CERTIFICATION

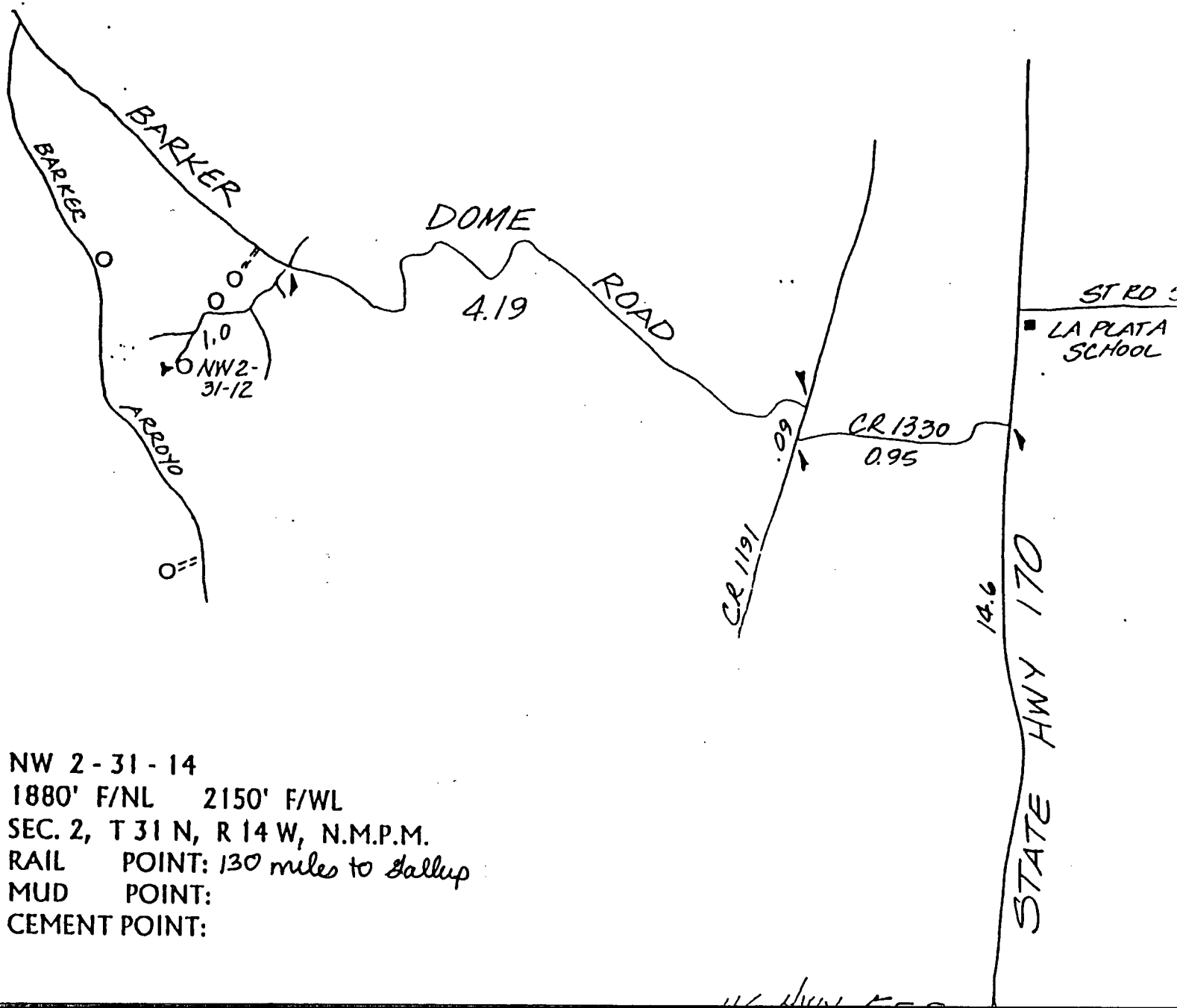
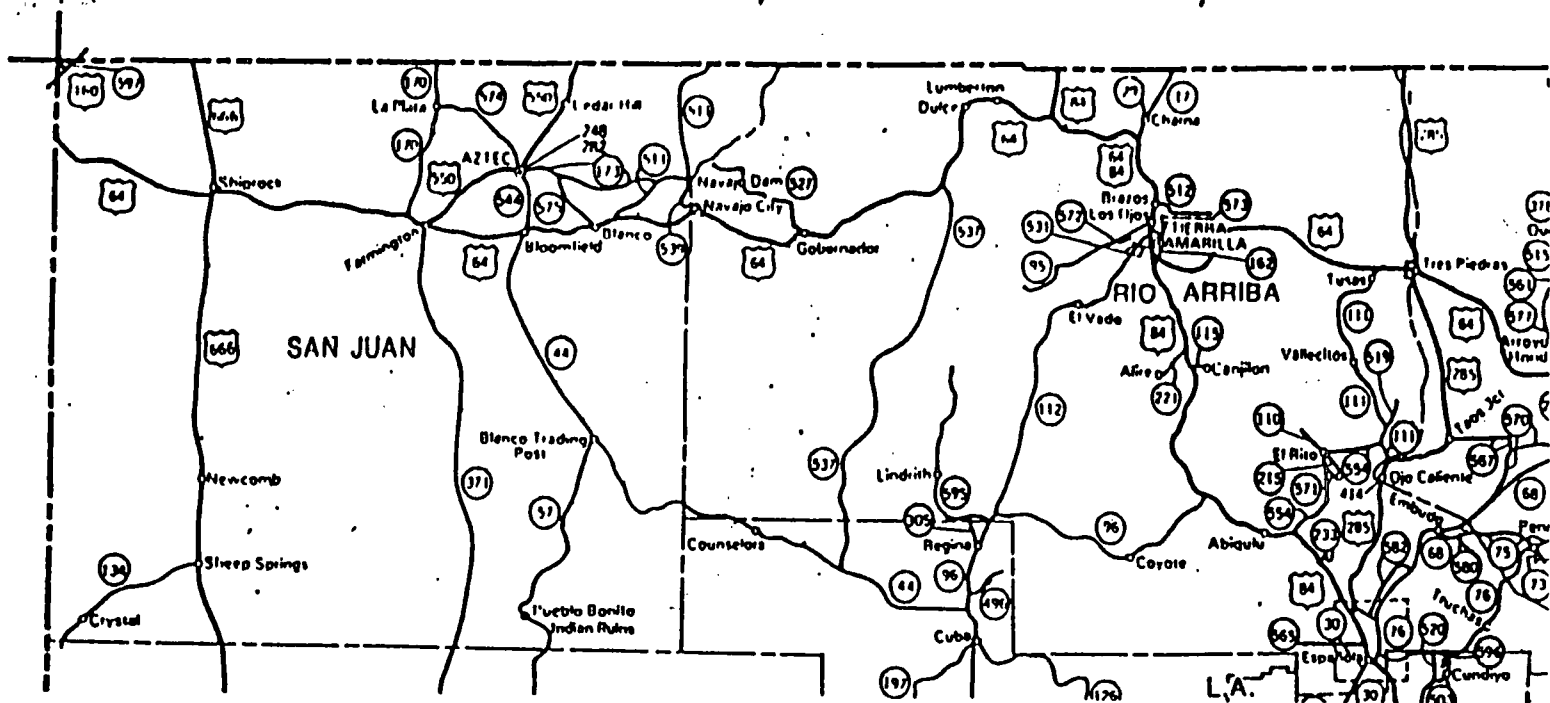
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

July 5, 1996

Date of Survey  
Signature and Seal of Professional Surveyor:

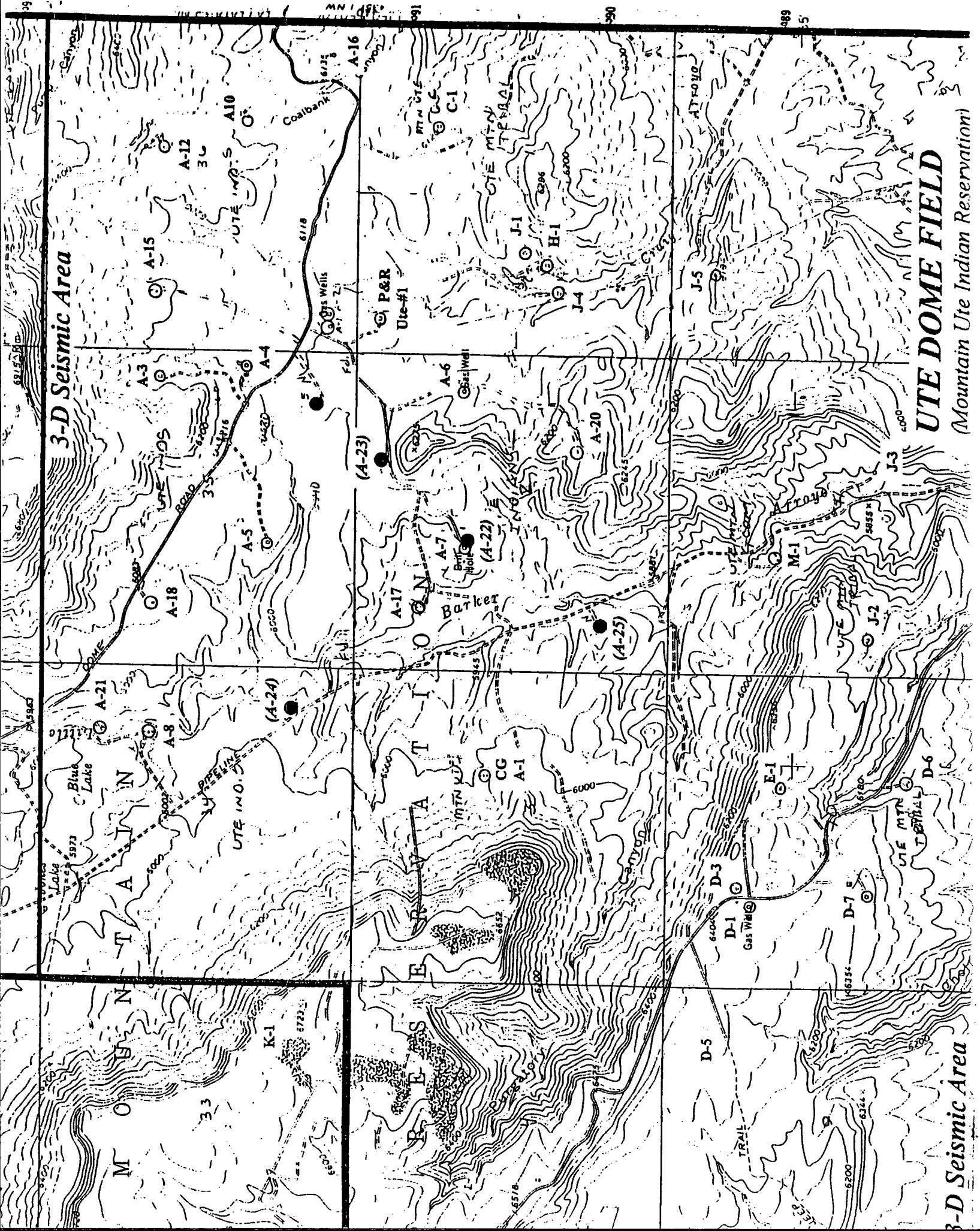
GARY D. VAAN  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR  
7016  
Certificate Number





NW 2 - 31 - 14  
 1880' F/NL 2150' F/WL  
 SEC. 2, T 31 N, R 14 W, N.M.P.M.  
 RAIL POINT: 130 miles to Gallup  
 MUD POINT:  
 CEMENT POINT:

### 3-D Seismic Area



# UTE DOME FIELD

(Mountain Ute Indian Reservation.)

### 3-D Seismic Area

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION05/22/00 12:09:44  
OGOMES -TPIN  
PAGE NO: 1

Sec : 02 Twp : 31N Rng : 14W Section Type : NORMAL

4 40.12  Indian owned  A	3 40.12  Indian owned	2 40.12  Indian owned	1 40.12  Indian owned
E 40.00  Indian owned	F 40.00  Indian owned  A A	G 40.00  Indian owned	H 40.00  Indian owned

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION05/22/00 12:09:51  
OGOMES -TPIN  
PAGE NO: 2

Sec : 02 Twp : 31N Rng : 14W Section Type : NORMAL

L 40.00  Indian owned	K 40.00  Indian owned	J 40.00  Indian owned A	I 40.00  Indian owned A
M 40.00  Indian owned A	N 40.00  Indian owned	O 40.00  Indian owned	P 40.00  Indian owned A

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12