OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Novemebr 23, 1998

Cross Timbers Oil Company 810 Houston Street - Suite 2000 Fort Worth, Texas 76102-6298 # 2098

Attention:

Edwin S. Ryan, Jr.

Re:

Administrative application for an unorthodox gas well location and simultaneous dedication for the proposed Ute Mountain Tribal "J" Well No. 1 to be drilled 450 feet from the South line and 500 feet from the West line (Unit M) of Section 1, Township 31 North, Range 154 West, NMPM, as projected into the unsurveyed Ute Mountain Indian Reservation, San Juan County, New Mexico.

Dear Mr. Ryan:

The Ute Dome-Dakota Pool in San Juan County, New Mexico is subject to Division statewide Rule 104.C(3)(a), requiring 160-acre spacing and proration units and wells to be located no closer then 790 feet to any outer boundary of the dedicated tract nor closer than 130 feet from any quarter-quarter section or subdivision inner boundary. Further, since the Ute Dome-Dakota Pool is a "non-prorated" gas pool, Division General Rule 104.D(3) applies, which limits standard 160-acre gas spacing units to only one producing well therein. This rule does not provide for an administrative process for exceptions to this one-well rule; therefore, this application will be set for hearing before a Division Hearing Examiner on the next available docket scheduled for December 17, 1998 and will be advertised in the following manner:

"Application of Cross Timbers Oil Company for an unorthodox gas well location and simultaneous dedication, San Juan County, New Mexico. Applicant seeks authorization to drill its Ute Mountain Tribal "J" Well No. 6 to test both the Ute Dome-Dakota Pool and the Morrison formation at an unorthodox gas well location for both intervals 450 feet from the South line and 500 feet from the West line (Unit M) of Section 1, Township 31 North, Range 14 West, as projected into the unsurveyed Ute Mountain Indian Reservation. The SW/4 of Section 1 is to be dedicated to this well to form a standard 160-acre, more or less, gas spacing and proration unit for both intervals. The applicant further seeks an exception to Division General Rule 104.D(3) to continuously and concurrently produce Ute Dome-Dakota Pool gas production from the above-described Ute Mountain Tribal "J" Well No. 6 and from its existing: (i) Ute

Mountain Tribal "J" Well No. 1 (API No. 30-045-21011) located at an unorthodox gas well location (approved by Division Administrative Order NSL-575, dated September 22, 1972) 2460 feet from the South line and 1830 feet from the West line (Unit K) of Section 1; and (ii) Ute Mountain Tribal "J" Well No. 4 (API No. 30-045-21332) located at a standard gas well location 1850 feet from the South line and 1110 feet from the West line (Unit L) of Section 1 and for the simultaneous dedication of all three wells to the existing 160-acre gas spacing and proration unit comprising the SW/4 of Section 1. This unit is located approximately four miles west of La Plata, New Mexico".

Please provide adequate notice pursuant to Rule 1207.A(5) and (6) of the Division's General Rules and Regulations.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Aztec

Kathy Valdes - NMOCD, Santa Fe

U. S. Bureau of Land Management - Durango, CO

November 16, 1998

Bureau of Land Management San Juan Resource Area 701 Camino Del Rio Durango, Colorado 81301 Attention: Mr. Dan Rabinowitz

First 12098

Re:

Application for Unorthodox Location and Simultaneous Well Dedication

Ute Dome Dakota Pool and Morrison Sandstone

Ute Mountain Tribal J #6 SW/4 Section 1-31N-14W San Juan County, New Mexico

#### Gentlemen:

Cross Timbers Operating Company hereby requests approval of the following unorthodox location and simultaneous well dedication:

Well Name:

Ute Mountain Tribal J #6

Pool:

Ute Dome Dakota and Morrison Sandstone formation

Location:

450' FSL & 500' FWL

Acreage Dedication:

SW/4 Section 1-31N-14W, containing 160 acres, more or less

County/State:

San Juan County, New Mexico

Pool Rules:

790' from lease lines and quarter section lines

Existing Well:

Ute Mountain Tribal J #4

Attached is the following support and documentation for said application:

- 1. C-102 Plat
- 2. Geologic discussion
- 3. Copy of certified letter sent to offset operators/owners
  - A. Plat of offset operators
  - B. List of offset operators

We look forward to your approval and please call me at (817) 877-2336 with any questions.

Yours very truly,

Edwin S. Ryan, Jr.

Wir Eyans

cc: Lori Wrotenbery, Director

New Mexico Oil Conservation Division

2040 South Pacheco

Santa Fe, New Mexico 87505

NMCOD - Aztec District Office

1000 Rio Brazos Road

Aztec, New Mexico 87410

Offset Operators

Gary Burch

Ute Mountain Ute Tribe

P.O. Box 248

Towaoc, Colorado 81334

Attention: Gordon Hammond

Bureau of Indian Affairs Ute Mountain Ute Agency

P.O. Box KK

Towaoc, Colorado 81334

Bobby Smith - CTOC Midland

Barry Voigt

District I PO Box 1980, Hoods, NM B8241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994 Instructions on back

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

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

2640.00

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec. NM B7410

AMENDED REPORT

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## UTE MOUNTAIN TRIBAL "J" #6 GEOLOGIC/GEOPHYSICAL SUMMARY

The Ute Mountain Tribal "J" #6 is a proposed 2700' Dakota/Morrison test to be located 450' FSL and 500' FWL of Section 1-T31N-14W, San Juan County, New Mexico. There is currently one well, the Ute Mountain Tribal "J" #4, producing from the Dakota and Morrison Sandstones in the SW1/4 of Section 1.

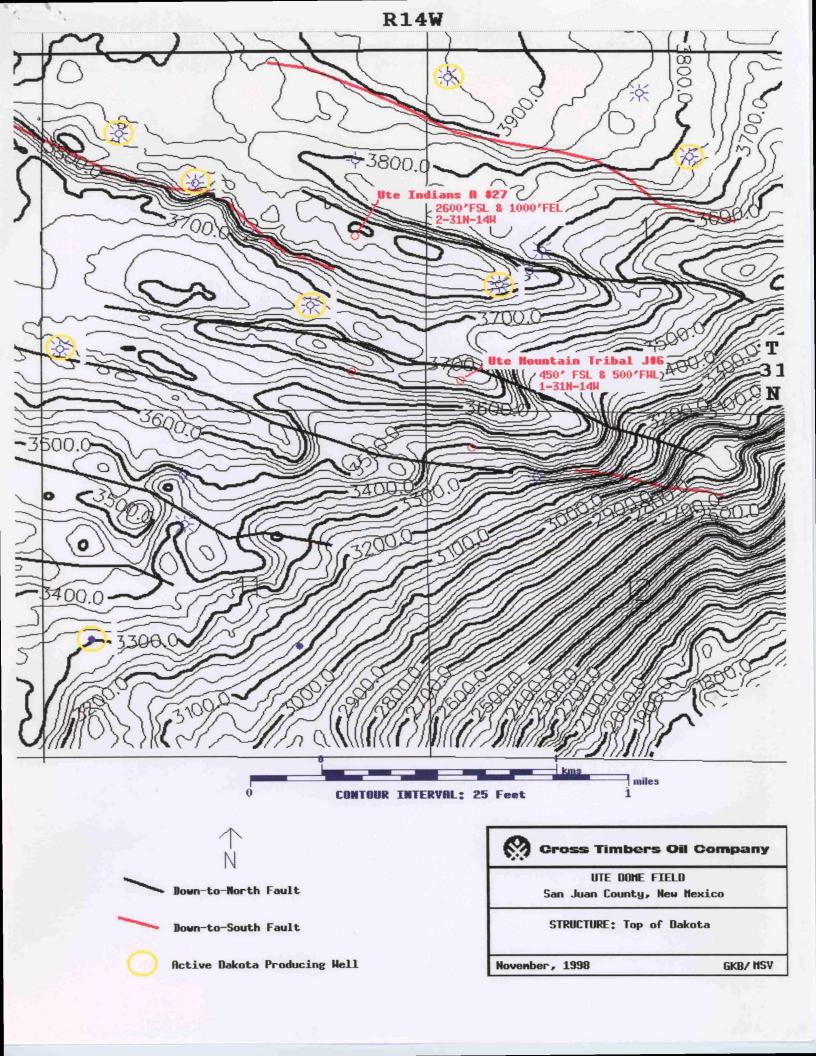
The Ute Dome Dakota Field is located on a broad semi-circular structure on the edge of the Four Corners Platform. On the southeast side of the structure, the entire stratigraphic section dips steeply to the southeast into the San Juan Basin. The southern portion of this structure is bisected at the Dakota level by several WNW-ESE trending normal faults. Vertical displacement along the faults can range up to 250 ft. The faults commonly form four-way structural closures which trap hydrocarbons migrating upward from mature source rocks in the basin.

The attached seismic structure map on the top of the Dakota Formation was interpreted from a vibroseis 3-D seismic survey shot by Amoco in 1995 and reprocessed by Cross Timbers in 1998. The proposed Ute Mountain Tribal "J" #6 is located on the eastern end of a closed structure bounded on the north by a down-to-the-north normal fault. The structure extends westward into the S½ SE¼ of Section 2, where Cross Timbers is proposing to test the western end of the same fault block with the Ute Indians "A" #26. This fault block has not been tested to date, but similar fault blocks in the area have proven productive from lower Dakota and Morrison Sandstones which are typically wet when encountered off of these localized structures. The faults act as permeability barriers, particularly in the Upper Dakota Sandstones by juxtaposing the permeable productive sandstone of the upthrown block against non-porous, and impermeable Graneros shales of the downthrown block.

The placement of the proposed well in an unorthodox location is based on a combination of defining the highest structural point at the Dakota level from the seismic data and finding a topographically suitable spot where a location can be built relatively inexpensively and without unnecessary damage to the environment. The reason for the request for a simultaneous well dedication is due to the fault separation between the proposed well and the existing Ute Mountain Tribal "J" #4 well in the SW quarter section which prohibits the reserves south of the fault from being accessed by the existing well.

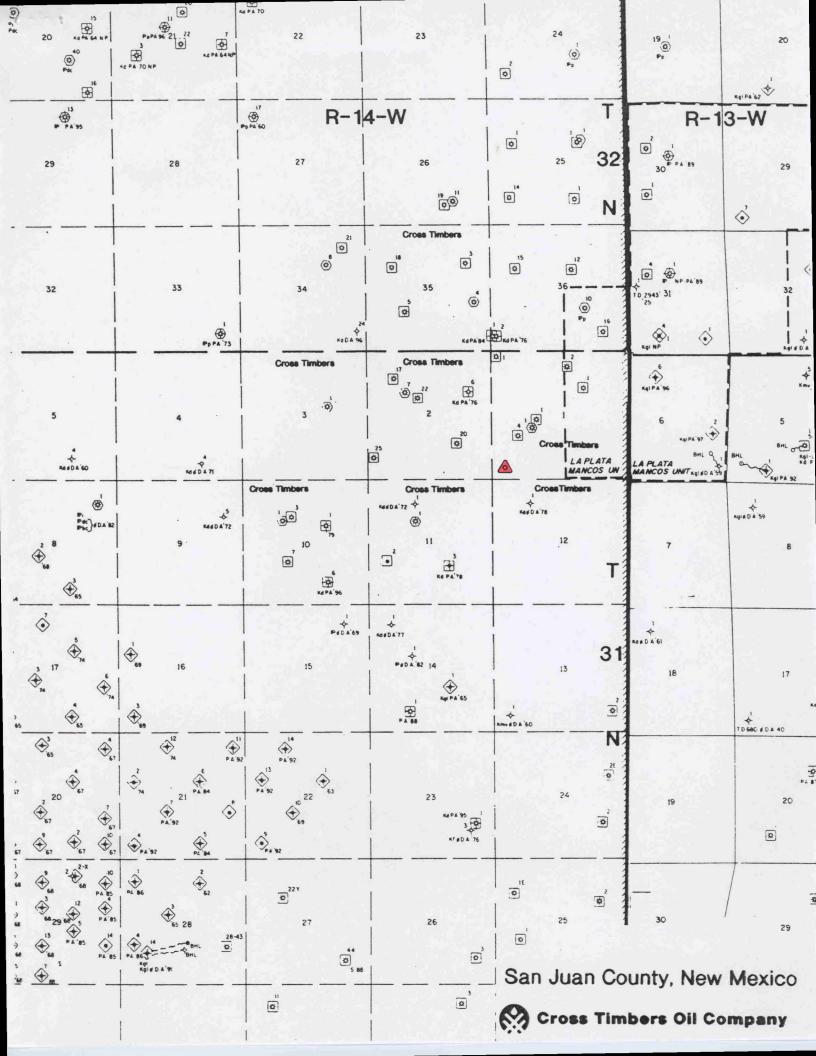
\*\*Jay K. Burk.\*\*

Nov. 13, 1998



#### OFFSET OPERATORS/OWNERS

Cross Timbers Oil Company, Applicant, is the only offset operator.



ONGARD 11/23/98 14:57:38 CMD : OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOIV -EMF3

Page No: 1

OGRID Identifier: 167067 CROSS TIMBERS OPERATING COMPANY

Pool Identifier : 86720 UTE DOME DAKOTA (GAS)

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Page No: 1

OGRID Identifier: 167067 CROSS TIMBERS OPERATING COMPANY

Pool Identifier : 86720 UTE DOME DAKOTA (GAS)

API Well No : 30 45 21011 Report Period - From : 01 1998 To : 12 1998

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PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM PF01 HELP PF02

PF08 FWD PF09 PF07 BKWD PF10 NXTPOOL PF11 NXTOGD PF12

# OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

September 22, 1972

Amoco Production Company Security Life Building Denver, Colorado 80202

Attention: Mr. R. B. Giles

Administrative Order No. NSL-575

#### Gentlemen:

Reference is made to your application for approval of unorthodox oil well locations for your Mountain Ute Gas Com D Well No. 1, to be located 990 feet from the North line and 1975 feet from the West line of Section 11 and your Ute Mountain Tribal J No. 1, to be located 2460 feet from the South line and 1830 feet from the West line of Section 1, both in Township 31 North, Range 14 West, NMPM, Ute Dome-Dakota Pool, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Commission Rules and Regulations, the above-described unorthodox locations are hereby approved.

Very truly yours,

A. L. PORTER, Jr. Secretary-Director

ALP/GMH/dr

c: Oil Conservation Commission - Artesia
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Farmington

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

District II 811 South First, Artesia, NM 88210

District III 1000 RioBrazos Rd., Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

#### State of New Mexico Engery, Minerals and 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

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Fun 3160-5 UNITED STATES FORM APPROVED Budget Hureau No. 1004-0135 (Jine 1990) DEPARTMENT OF THE INTERIOR Expires: March 31, 1993 BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. 14 - 20 - 604 - 78SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name To not use this form for proposals to drill or to deepen or reentry to a different reservoir. Ute Mountain Tribe Use "APPLICATION FOR PERMIT—" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Type of Well 8. Well Name and No. Ute Mountain Tribal Name of Operator Amoco Production Company Attn: John Hampton 9. API Well No. 30-045-21332 Address and Telephone No. Denver, Colorado P.O. Box 800 10. Field and Pool, or Exploratory Area Location of Well (Footage, Sec., T., R., M., or Survey Description) Ute Dome Dakota NW/SW, Sec. 1 T31N, R14W 1850' FSL, 1110' FWL 11. County or Parish, State San Juan, New Mexico CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Change of Plans Notice of Intent Abandonment **New Construction** Recompletion Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Altering Casing Conversion to Injection Final Abandonment Notice X Other Luby Dispose Water Completion or Recompletion Report and Log form.) 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.)\* Please see Attachment for procedures. If you have any questions please contact Cindy Burton @ (303) 830-5119. RECEIVED JANI 51992 DEC 24 1991 THE CONTRACT

Signed Home of Foderal or State office use)

Tile Sr. Staff Admin. Supv.

Bureau of Land Management Durango, Colorado

Date 12/10/91

Title

Date

#### UTE MOUNTAIN TRIBAL J #4 (REPAIR)

- 1. MIRUSU on 06/29/91.
- 2. Bled off casing pressure, pump 40 bbls of water.
- 3. ND Wellhead, NU BOP.
- 4. TIH x tagged 17' of fill @ 2380'.
- 5. Had 8 bad joints, 3 joints had holes.
- 6. Pressure test tbg. to 500 psi, tbg. didn't hold; found 2 leaks, in the tubing.

. . . . . . . . . . . . .

- 7. 'VIH x Packer.
- 8. Install new seating x standing valve to 2084'.
- 9. Set Packer @ 2084' x pressure test casing to 500 psi; Test ok.
- 10. Pressure test tbg. to 2000 psi; Test ok.
- 11. TOH x packer.
- 12. TH x CO 15 ft. of fill from 2380' 2395'.
- 13. TH x 2.375 Sawtooth coup; 1 JT. of 2.375 tbg.
- 14. Standard SN x 75 JTS of 2.375 4.7# J-55 tbg. landed @ 2376'.
- 15. SN landed @ 2345'.
- 16. ND BOP, NU Wellhead and RU to Swab.
- 17. SFL 1200' made 28 Swab runs form 2345' x rec 77 BLW x 7 BNW, FFL 1600'.
- 18. Well did not kick off.
- 19. Swab well SFL 1500', made 32 runs from seating nipple @ 2345' and rel 92 BNW; Small show of Gas.
- 10. Kill well with 20 bbls of 2% KCL.
- 11. Ni) Wellhead, NU BOP.
- 12. Landed 8 JTS of 2.375 tbq.
- 13. Tubing landed @ 2130'.
- 1. SN @ 2099'.

- 25. ND BOP, NU Wellhead.
- 26. RU and Swab SFL 1400', Swab well, rec 52 BNW.
- 27. Well kicked off and flw 22 BNW.
- 28. Final casing pressure 340 psi; RREL.
- 29. RETURNED TO PRODUCTION 7/3/91.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088 OIL CONSERV P.O. Box 2088

ON DIVISION

Santa Fe, New Mexico 87504-2088

RECEIVED

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DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410	REQUEST FOR ALLOWABLE AND AUTHORIZATION 22	AM 10 28
I.	TO TRANSPORT OIL AND NATURAL GAS	

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June 25, 1990			ユルスニー	830-4	<u> ۲۵۵</u>	H					

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

#### " STATE OF NEW MEXICO ENERGY MO MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

SANTA SE Format 05-01-83

COL CONSERVATION DIVINION

P O. BOX 2088 SANTA FE, NEW MEXICO 87501

#### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

1.	
Operator	
Amoco Production Company	
501 Airport Drive Farmington, NM 87401	Other (Please explain)
New Wall Change in Transporter of:	FEB 2 1 1985
Reconstitution OII OII	Dev Gan
Change in Ownership Casinghood Gas	Condensero act OIL CUM. DIV.
	DIST. 3
I change of ammership give name ind radiress of previous amner	
1. DESCRIPTION OF WELL AND LEASE	Formation   Kind of Lease     Lease No.
Ute Mountain Tribal J 4 Ute Dome	
Location	Dakota Side, Foderal ar Foo Federal 14-20-604-
Unit Letter L: 1850 Feet From The South Li	1110 1/05+
UNIT CAPTAR : 1000 PAGE FROM THE COURT !	ne and
Line of Section / Tawnship 3/N Range	14 y NMPL: San Juan County
IL DESIGNATION OF TRANSPORTER OF OIL AND NATURA	L GAS
Name of Authorized Transporter of CII or Condensate (SC)  Permian Corp. Permian (Eff. 9 / 1 /87)	P. O. Box 1702 Farmington, NM 87435
remain Corp. remain (Eli. 57 8767)	Address (Give address to which approved copy of this form is to be sent)
El-Paso Natural Gas Company	P. O. Box ggo Farmington, NM 87401
/ well produces all or liquids. Unit , Sec. Twp. Res.	) is due actually connected? , when
ive location of idness. L : 1 :31N:14W	•
this production is commingled with that from any other lease or pool,	give commingling order number:
OTE: Complete Parts IV and V on reverse side if necessary.	
Ole. Complete Parts to and of the reverse side if necessary.	11
I. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
nereby certury that the rules and regulations of the Oil Conservation Division have	FEB 21 1985
en complied with and that the information given is true and complete to the best of	APPROVES
r knowledge and belief.	BY Shank James
	TITLE SUPERVISOR DISTRICT # 3
R.N.	
-(-)(-)haw	This form is to be filled in compliance with RULE 1104.  If this is a request for allowable for a newly drilled or despende
(Signature)	well, this form must be accompanied by a tabulation of the deviation
Admin. Supervisor	tests taken on the well in accordance with RULE III.  All sections of this form must be filled out completely for silow-
1-2-85	able on new and recompleted wells.
(Dete)	Fill out only Sections I. II. III. and VI for changes of owner.
(5017)	well name or number, or transporter, or other such change of condition.  Separate Forms C-104 must be filled for each pool in multiply
<b>{</b> {	and a same to a sum of a street son and a series have see the compactable.

### STATE OF NEW MEXICO ENERGY MO MINERALS DEPARTMENT

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IAMTA FE	7	1							
P1L E		T	$\top$						
U.1.G.4.	v.1.0.4.								
-		7	$\top$						
THAMEPORTER	014	1							
	UAG								
OPERATOR	OPERATOR								
PROMATION OFF	*C K	Ţ							

### OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501



Separate Forms C-104 must be filed for each pool in m completed wells.

TRAMEPORTER OIL DECVISET OF	
OPERATOR REGUEST PO	OR ALLOWABLE
PROMATION OFFICE	AND SPORT OIL AND NATURAL GAS
I.	SPORT DIE AND NATURAE DAS
Operator	
Amoco Production Company	
Address	
501 Airport Drive Farmington, NM 87401	
Reason(s) for filing (Check proper box)  New Well Change in Transporter of	Other (Please explain)
	Ory Gas
Country in Country of Case of	andensare +/KLKY
If change of ownership give name	
and address of previous owner	
II DESCRIPTION OF WELL AND LEASE	
II. DESCRIPTION OF WELL AND LEASE    Weil No.   Pool Name, Including	Formation   Kind of Lease   Leas
Ute Mountain Tribal J 4 Ute Dome	
[Location	Vario 1 7 caetat 114-20
Unit Letter L: 1850 Feet From The South Li	ne and 1110 Feet From The West
THE CATTON THE SOCIETY CI	ne and
Line of Section / Township 3/ N Range	14 W NMPK: San Juan c
	, , , , , , , , , , , , , , , , , , , ,
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	L GAS
Name at Authorized Transporter of Cit or Condensate	P 0 Box 1702 Farmington. NM 87499
Permian Corp.	(
Hame of Authorized Transporter of Casinghead Cas or Dry Cas	P. O. Box 990 Farmington, NM 87401
El Paso Natural Gas Company	<del></del>
If well produces oil or liquids, Unit Sec. Twp. Rgs.  Qive location of lanks.  L   3/N - 14W	Is day actually connected? When
<u>la de la composição de la</u>	
If this production is commingled with that from any other lease or pool,	give commingling order number:
NOTE: Complete Parts IV and V on reverse side if necessary.	
· · · · · · · · · · · · · · · · · · ·	OIL CONSERVATION DIVISION
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
I hereby certify that the rules and regulations of the Oil Conservation Division have	APPROVED
been complied with and that the information given is true and complete to the best of	8 2 1 ((d)
my knowledge and belief.	BY
$\sim$	TITLE
$\langle \langle .   \rangle \langle .  $	This form is to be filed in compliance with AULE 1104.
(-)(-) haw	If this is a request for allowable for a newly drilled or de-
(Signature)	well, this form must be accompanied by a tabulation of the de-
Admin. Supervisor	tests taken on the well in accordance with RULE 111.
(Tule)—	All sections of this form must be filled out completely for able on new and recompleted wells.
1-2-85	Fill out only Sections I. II. III. and VI for changes of
(Dete)	well name or number, or transporter, or other such change of con

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

Form 31:60-5 (November 1983) (Formerly 9-331)  DEPARTMENT OF TH  BUREAU OF LAND MA	E INTERIOR verse side)	Budget Bureau No. 1004-3135 Expires August 31, 1985  5. LEASE DESIGNATION AND SERIAL NO.  14-20-604-78
SUNDRY NOTICES AND R  (Do not use this form for properais to drill or to de  Use "APPLICATION FOR PERMIT	EPORTS ON WELLS eepen or plug back to a different reservoir. T—" for auch proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME  Ute Mountain Tribe  7. Unit agreement name
Of CAB WELL X OTHER  2. NAME OF OPERATOR  Amoco Production Company		8. FARM OR LEASE NAME Ute Mountain Tribal "J"
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM	87401	9. WBLL NO.
	I ETYED.	10. FIELD AND POOL, OR WILDCAT  If e Dome Dakota  11. SBC., T., R., M., OR BLK. AND
	R S 9 1984 MAR S 1 1984	NW/SW, Sect. 1, T31N, R
14. PERMIT NO. 15-BLEVATIONS: (S	how whether DF, AT, GR, etc.)  4	12. COUNTY OF PARISH 13. STATE  San Juan NM
Check Appropriate Box To	o Indicate Nature of Notice, Report, or C	Other Data
NOTICE OF INTENTION TO:	BUBARQ	UBNT REPORT OF:
PULL OR ALTER CASE  PRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)	FRACTURE TREATMENT SHOOTING ON ACIDIZING  (Other) Open new pa	ALTERING CASING ABANDONMENT*  LY ZONE & Frac of multiple completion on Weil letion Report and Log form.)
Moved in and rigged up the service tubing then set a tubing retrieval Perforated the following intervals with 2 jspf, .44", for a total of gal. 70% quality nitrogen foam cor 84.000# 20-40 sand. Landed the 2-3-9-84.	e unit on 3-5-84. Tripped out ole bridge plug. Pressure tests: 2196'-2210', 2221'-2226', 70 holes. Fraced interval (20 hotaining 2% KCO, 1 gal. surface	al depths for all markers and somes perti- to of the hole with the sted the casing to 3000 psi 2276'-2280', 2368'-2380', 2196'-2380') with 56,000 stant/1000 gal. fluid and
		1 2 lec
SIGNED Original Signed By B. D. Shan	TITLE Administrative Supervis	sor DATE 3/16/84
(This space for Federal or State office use)  ACCEPTED FOR RECORD  APPROVED BY CONDITIONS OF APPROVAL, IF ANY:  APR 2 1984	TITLE	DATE

\*See Instructions on Reverse Side

## STATE OF NEW MEXICO P. O. BOX 2088 ENERGY AND MITHERALS DECARAMENT SANTAFE, NEW MEXICO 87501

#### OIL CONSERVATION DIVISION

form C-122 Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL & F 1 14

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Po				Compar		LT. E.		urar-G	as C	.0.			Ur.11	- C - W / A	2 36 2	
	Ute D	ome				Dako							J	``#₹4 . 	Ĵ	
Co	mpletion D 3-09-			Total Dept 2415	h		Plug Baci 23			Elevati 599	on 2 GL			Mtn Tr		"J"
Ca	q. Size	WI.		,d		ı Aı	Perlocatio			l	<del></del>		Well N			<u> </u>
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	2.375	4.7	,	1.995	1	2305	From O		· 1	• En	ded		L	3 <b>0</b> c.	31	14
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F'rc	ducing The	u	Heserv	voit Temp. *	F	Moan Annua	ıl T∙mp, °f'	Baio, Pr		· P <sub>a</sub>			State	w Mexi		<del></del>
	L	<del>} н</del>	<del></del> -	Go		% CO 2	% N 2	l	% H <sub>2</sub> S	<u> </u>	Prover	1		r Hun	Tape	
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	1 5			LOW DAT			1	·		DATA			ASING DATA			Duration
ΝО.	Prover Line Size	x '	Orifice Size	Press.	i i	Diff.	Temp.	Pres p.s.i		Tem		Pres p.s.(	-	Temp	.	ol Flow
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4. 5			<del></del> -		<del> </del>	Crit	lical Temper	rature						R		Н
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				ŀ	T P	Barnett	i		I. B.	arnet	t.	- 1				

#### EL PASO NATURAL GAS COMPANY POST OFFICE BOX 990 FARMINGTON, NEW MEXICO



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DATE	February	4,	1974	
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THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM Amoco Pr	oduction Company	Ute Mountain Tribal J #4							
	Operator	Well Name							
87-894-01	19046-2	L	1-31-14						
Meter Code	Site Code	Well Unit	S-T-R						
Ute Dome Dakota	<b>L</b>	El Paso Nat	cural Gas Company						
F	Pool	Name	of Purchaser						
WAS MADE ON	nuary 25, 1974	FIRST DELIVERY	January 28, 1974						
	Date		Date						
AOF									
CHOKE <b>2,486</b>									
		El Paso l	Matural Gas Company						
		Purchaser							
		Representat	ive						
		Chief Dia	patcher						
		Title							

cc: Operator **Denver & Farmington**Oil Conservation Commission – 2
Proration – El Paso

File

Form 9-330 (Rev. 5-63)

#### SUBMIT IN DUPLICATE \* UNITED STATES

Form approved. Budget Bureau No. 42-R355.5.

November 5, 1973

DATE \_

	DEPART	MENI O EOLOGIC			ERIOF	₹	structions reverse s	ide)   O. LEA	se design. 4-20-6	ATION AND SERIAL NO.
WELL CO	MPLETION	OR RECO	MPLETIO	N R	REPORT	ANI	LOG*	٠	•	LOTTEE OR TRIBE NAME
1a. TYPE OF WEI	LL: OIL	GAS C							T AGREEME	entain Tribe
b. TYPE OF COM	WELL IPLETION:	WELL !	DRY	ا ليا	Other			_   •		
NEW WELL	WORK DEEP OVER EN	PLUG BACK	DIFF. RESVR.	$\Box$ ,	Other		_	8. FAR	M OR LEAS	E NAME
2. NAME OF OPERA					-			- Dt	:e Houn	itain Tribal "J
AHO	CO PRODUCTION	on company		**				9. WEI	L NO.	
3. ADDRESS OF OPE								·		4
	Airport Dr		-							OOL, OR WILDCAT
	LL (Report location 850° FSL &	-	accordance wi	ith any	State requir	ement	B) •			Dakota
	terval reported belo	_						HW/4	SW/4	Section 1,
At total depth	Seme		-	-				1-31	l-11, R-	.T4-#
			14. PERMI	T NO.		DATE	SSUED		UNTY OR	13. STATE
				•					Juan	New Hexico
15. DATE SPUDDED	16. DATE T.D. RE.	ł		•	prod.)   18.			KB, RT, GR, ET		. ELEV. CASINGHEAD
9-5-73	9-11-7	- 1	10-25-					6004" 1		5992'
20. TOTAL DEPTH, MD	a TVD 21. PLUG,	2397°		OW MA	INCLE COMPL.,		23. INTERVA	BY	TOOLS	CABLE TOOLS
24. PRODUCING INTE	BVAL(S), OF THIS C		P, BOTTOM, NA			<del>,[]</del>	-	<u> </u>		25. WAS DIRECTIONAL
2285-2368*	Dakots				/ H	(Lu		3		SURVEY MADE
26. TYPE ELECTRIC	AND OTHER LOGS RI	JN			N	VO	<del>8 1973</del>	3	27.	WAS WELL CORED
Induction	Electric en	d Garana Ri	v Densit	t <b>v</b>	_ \		0			No
28.			ING RECORD		ort all strings	-ser in	Weben COW	<del>. /</del>	<del></del>	
CASING SIZE	WEIGHT, LB./F				E SIZE		SEMENI			AMOUNT PULLED
8-5/8"	24#	37	251	12-	-1/4"			0 sx		Hone
5-1/2"	14#	24:	36'	7-	-7/8"		45	0 sx		Lone .
		THE PERCENT								
29.		INER RECORD				30.			RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEME	NT*	SCREEN (MI			DEPTH S		PACKER SET (MD)
			-		- <u></u> -	-	2-3/8"		284*	None
31. PERFORATION RE-	CORD (Interval, size	and number)		<u> </u>	82.	ACI	D. SHOT. FR	ACTURE. CE	MENT SO	UEEZE, ETC.
					DEPTH INT	ERVAL	(MD)	AMOUNT AN	D KIND OF	MATERIAL USED
2356-2368*	x 2285-230	4 z 2 SPF			2356-2	368	- Acd	x 500 ga	11. 15%	HC1.
					2285-2	304	- Sand	-vater	irac x	32,380 gal.
								r & 35,0		
33.*				PROD	UCTION					
DATE FIRST PRODUCT		Tion METHOD (	Flowing, gas l	ift, pu	mping—size (	and ty	pe of pump)		WELL STAT shut-in)	US (Producing or SI
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. F		OIL-BBL.		GAS-MCF.	WATER	-BBL.	GAS-OIL RATIO
10-25-73	3	0.750*		>						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RAT	OIL-BBL.		GAS			rer—BBL.	OIL	GRAVITY-API (CORR.)
210	459	wal wanted ata			2486	(8	917 AOF)			
34. DISPOSITION OF G									VITNESSED	
To be so	ld to El Pa	eo natura.	L WAS CO.	•				<u> </u>	F. E1.	ledge
36. I hereby certify	that the foregoing	and attached i	nformation is	compl	ete and corre	ect as	determined f	rom all avail	able record	İs

TITLE \_

Area Engineer

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If on an filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and prescional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Con. all to locations or formations of the contractions of the contraction General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency,

or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any at schemets.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 24 and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

TRUE VERT. DEPTH TOF MEAS. DEPTH GEOLOGIC MARKERS 1642 2385 2091 2156 2034 Greenhorn Morrison Graneros Gallup Dalota Mancos 38. TESTS, INCLUDING 37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem t depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries DESCRIPTION, CONTENTS, ETC. Natural Gas 2385 BOTTOM 2156 FORMATION Dakota

DEPARTM	NITED STATES ENT OF THE INTER COLOGICAL SURVEY	SUBMIT IN TRIPLICATES (Other instructions on reverse side)		u No. 42-R1424. AND SERIAL NO.				
SUNDRY NOTIC (Do not use this form for proposal Use "APPLICAT	ES AND REPORTS s to drill or to deepen or plug ION FOR PERMIT—" for such I		6. IF INDIAN, ALLOTTEE					
OIL GAS WELL OTHER  NAME OF OPERATOR			7. UNIT AGREEMENT NA. 8. FARM OR LEASE NAM					
3. ADDRESS OF OPERATOR	ANDCO PRODUCTION COMPANY DRESS OF OPERATOR 501 Airport Drive, Farmington, New Hexico 87401							
4. LOCATION OF WELL (Report location clear See also space 17 below.) At surface  1850 FSL 6 111	•	State requirements.*	10. FIELD AND POOL, OR  Ute Bone Dei  11. SEC., T., E., M., OR BI SURVEY OR AREA  NW/4 SW/4 Sec.  T-31-N. R-14-	kota LE. AND				
14, PERMIT NO.	15. ELEVATIONS (Show whether D. 5992 GL, 6004		12. COUNTY OR PARISH	·				
16. Check App	·	Nature of Notice, Report, or	Other Data	:				
FRACTURE TREAT MUST SHOOT OR ACIDIZE AB	LL OR ALTER CASING LTIPLE COMPLETE ANDON* ANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	REPAIRING W ALTERING CA ABANDONMEN	BING				

(Other)

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

17. 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.)\*

On 9-30-73 woved in service unit, ran logs and perforated 2356-2368' with 2 SPF. Acidized well with 500 gallons 152 HCl. Breakdown pressure 1275, maximum pressure 1275 and average 1150 psi. AIR 1/2 BPM. Swabbed and blew well. Blew well down and killed well with 100 barrels treated water. Esn a Hedel "MC" bridge plug and set at 2330'. Tested to 3000 psi OK. On 10-2-73 perforated interval 2285-2304' with 2 SPF. Acidized with 500 gallons 7-1/2% HCl with breakdown pressure 2800, maximum treating pressure 2800 and average treating pressure 1800 psi. AIR 2 BPM. Swabbed well dry. Shut well in I hour then ran awab with 100' fluid in hole. Shut in well with 300' fluid in hole after 14 Spotted 500 gallons 7-1/22 HCl and pressure decreased from 2600 to 2400 when acid hit formation. Sand-water fraced with 32,380 gallons water treated with 12 KG1 and 10 pounds Gel per 1000 gallons, 5,000 pounds 20-40 sand, 15,000 pounds 10-20 sand and 15,300 pounds 8-12 sand. Breakdown pressure 2600, maximum treating pressure 3400 and average treating pressure 2600 psi. AIR 48 BPH. Sanded off with 14,000 pounds 8-12 sand in formation. Reversed out 100' sand. Circulated and cleaned out hole to bridge plug at 2330'. Drilled bridge plug and cleaned out to PBD at 2397'. Rem 2-3/8" tubing and landed at 2284'.

8. I hereby certify that the foregoing is true and corr	ect	
SIGNED	TITLE Area Engineer	DATE November 5, 1973
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

## NEW MEXICO OIL CONSERVATION COMMSSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Тур	e Test	<del></del>						*			Test Do						
L	X	Initia	<u>l</u>		A	nnual			Spec	cial	10-25	<b>-</b> 73		<u> </u>			
Com	Pany AMOCC	PROD	UCTI	on compa	MY	Conne	ction	-								•	
Poo	Ute D	ome				Formo	ition	ota						Unit			
Com	pletion Date			Total Depth		1		Plug Back	TD		Elevatio	n		Farmo	r Lease N	ame	
Ì	10-18	3-73		2436	•		- (	2:	397		5	990	τ	te M	tn. Tr	iba]	_ ''J''
Csg	. Size 5.500	wı. 14		5.012	Set 2	436	Perforations: From 2285 To 2368					Well N	<del>。.</del> 4				
	. Size 2.375	W1.	,	1.995	Set 2	At 284	Perforations: From Open To			o En	ded		Unit	Sec.	Twr 311		
l .				- G.G. or G.		اا		Packer Se	ı At				County				
		Singl	.e											S	an Jua	n	
1	lucing Thru		Reserv	oir Temp. *F				Temp. *F	Baro. Pre	18	Pa			State			
	ubing			l C-		Est.						Danie			ew Mex		
	L	н		.685	l	% CO 2		% N 2		6 H <sub>2</sub> S	i	Prov	er	Meter	r Run	Tap	,s
			FL	OW DATA					TUB	NG	DATA		-	ASING	DATA	┸┯	Duration
NO.	XXXXX	×	OHKX.	<del></del>	<u> </u>	Diff.		Temp.	Press		Tem	p.	Pre		Temp		of
10.	Line Size		Size hoke	p.s.i.g.		hw		•F	p.s.i.c	٠	•F		p.s.	i.g.	• F		Flow
SI	7 Days	<u> </u>							459				45				
1.	2-Incl	<u> </u>	750	ļ					198		60°	Est	<u>4</u>	<u> </u>	60° E	SE	3 Hr.
2.		···									<del> </del>						
3. 4.				<del> </del>													
5.				<del>                                     </del>							<del> </del>						
<u> </u>	<del></del>			<u></u>		RAT	E O	F FLOW	CALCUL	ATI	ONS				L		
	· · ·								Temp.		Gravity			Super		D=4.	- ( E) - · ·
	Coeffic		-	$-\sqrt{h_{\mathbf{w}}P_{\mathbf{m}}}$	-	Pres			actor		Factor		i	mpress.			of Flow
NO.	(24 H		<u> </u>				m		Ft.		Fq 0250		Factor, Fpv				Mcfd
1	12.36	50	ļ			21	.0	1.000			.9359 1		1.	023		2486	)
2. 3.			-	, m may													
4.	<del></del>	<del></del>	+	<del> </del>											<del> </del>		
5.			1														
NO.	Pr	Temp	. •R	T <sub>t</sub>		z		Liquid Hye									Mcf/bbl.
1		<del> </del>			<del></del>			.I. Gravity : cific Gravit								× × ×	Deg.
2.		N ALL	7/2	, ,				cific Gravit					x x x x	ζ		<u> </u>	
3.			210					ical Pressu									P.S.I.A.
4.		ļ		, .			Crit	ical Tempe	rature					·	R		R
5	471	-1 2	221,	07.1		l											
P <sub>C</sub> .				<u>941</u>	D 2	D 2	(1)	$\frac{P_c^2}{P_c^2 - P_w^2}$	=	5.4	<sub>4</sub> 959		(2)	$P_c^2$	n =	3.5	5868
1	<del></del>			81,476	403	65	,	$P_c^2 - P_w^2$					``` _	Pc <sup>2</sup> - F	2		
2	<del></del>	<del></del> -		· <b>,</b> ··· ·									_		-		İ
3							4 O F	Q <b>[</b> -	Pe <sup>2</sup>	]n	=	891	7				
4									$P_{c}^{2} - P_{w}^{2}$								
5		<u> </u>															
Abs	Absolute Open Flow 8917 Mcfd @ 15.025 Angle of Slope ⊕ Slope, n .75																
Hen	arks:																
	revod By sig	mmeero		Conque	ed 5				Calculate	Hv.				Checke	d Bv:		378
119	. <u> </u>			1	-	Ellec	lge		J. F.	-		Pop	e		rnold	Sne	· ·

tuin 9-331 (May 1963)		UNITED STATES MENT OF THE INTE GEOLOGICAL SURVEY	SUBMIT IN TRIPLICATE* ERIOR (Other instructions on re-	Form approvement of Budget Burer 5. LEASE DESIGNATION 14-20-604	RU No. 42-R1424. AND SERIAL NO.				
(Do not use t	ais form for propo	ICES AND REPORTS sals to drill or to deepen or pla ATION FOR PERMIT—" for suc	ug back to a different reservoir.	6. IF INDIAN, ALLOTTEI	a Tri be				
OIL GAS	OTHER			7. UNIT AGREEMENT NA	,ME				
WELL WEL  2. NAME OF OPERATOR				8. FARM OR LEASE NAM	4E				
AMOC	PRODUCTIO	N COMPANY		Ute Mountain	a Trebat Hitt				
3. ADDRESS OF OPERA				9. WELL NO.	· ILLUGI J				
501	Airport Dri	ve, Fermington, Ker	Wexico 87401	4					
4. LOCATION OF WELL See also space 17		learly and in accordance with	any State requirements.*	10. FIELD AND POOL, O	R WILDCAT				
At surface	, c10 w.,			Ute Dome Da	skota				
1850° F	SL & 1110'	WL.		11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA WW/4 SW/4 Section 1, T-31-H., R-14-W					
14. PERMIT NO.		15. ELEVATIONS (Show whethe	r DF, RT, GR, etc.)	12. COUNTY OR PARISH					
		5992' GL, 60	004' KB	San Juan	New Mexic				
16.	Chark A	opropriate Box To Indicate	e Nature of Notice, Report, or C	Other Data					
	NOTICE OF INTER		SUBSEQUENT REPORT OF:						
TEST WATER SHU	T-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	WINT.				
FRACTURE TREAT	<u>∤</u> ——}	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA					
SHOOT OR ACIDIZE		ABANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	NT*				
REPAIR WELL		CHANGE PLANS	(Other) Set cas	ing	X				
(Other)				of multiple completion letion Report and Log for					
proposed work. nent to this worl  The 5	If well is direction.)*  -1/2" csein t with 4% G	onally drilled, give subsurface l g was set at 2436* le1 and 2 pounds Tu	and comented with 350 of Plug per sack follows:  3. The cament circulat	sacks Class "A'	s and zones perti-				



18. I hereby certify that the foregoing is true and correct Original Signed by  SIGNED	TITLE Area Engineer	DATE — October 19, 1973
'This space for Federal or State office use)		
APPROVAL, IF ANY:	TITLE	DATE
	$\mathcal{U}$	

\*See Instructions on Reverse Side

## UNITED STATES SUBMIT IN TRIPLICATE® DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)

Form approved. Budget Bureau No. 2-R1424.

DEFA	GEOLOGICAL SURVEY	(IOI( verse side)	16-23-604-78					
(Do not use this form for	NOTICES AND REPORTS proposals to drill or to deepen or plug PLICATION FOR PERMIT—" for such	back to a different reservoir.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Hountain Tribe					
OIL GAS WELL OT	HER		7. UNIT AGREEMENT	NAME				
NAME OF OPERATOR			8. FARM OR LEASE N	AME				
AMOCO PRODUCTION	Ute Mounta:	in Tribal "J"						
ADDRESS OF OPERATOR			9. WELL NO.					
501 Airport Drive	. Farmington, New Mexic	n 87401	4					
LOCATION OF WELL (Report loca See also space 17 below.)	ation clearly and in accordance with an	y State requirements.*	10. FIELD AND POOL,	OR WILDCAT				
At surface			Ute Dome Da	skota				
1850' FSL & 1110'	PWL		11. SEC., T., R., M., O SURVEY OR AR NW/4 SW/4 SC T-31-N. R-1	ection 1,				
4. PERMIT NO.	15. ELEVATIONS (Show whether I	OF RT GR etc.)	12. COUNTY OR PARI					
	5990' ungraded	,,,	San Juan	New Mexic				
6. Chec	k Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data					
NOTICE OF	INTENTION TO:	SUBSEC	QUENT REPORT OF:					
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING	G WELL				
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING	CASING				
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONY	ient.				
REPAIR WELL	CHANGE PLANS	(Other) Spud &	set casing	X				
(Other)			is of multiple completion pletion Report and Log :					
7. DESCRIBE PROPOSED OR COMPLET proposed work. If well is nent to this work.)*	ED OPERATIONS (Clearly state all pertine directionally drilled, give subsurface loc	nt details, and give pertinent date ations and measured and true verti	s, including estimated d cal depths for all mark	ate of starting any ers and zones perti-				
A 12-1/4" hale see		Contember 5 1077	and defiliation	Section 1				

A 12-1/4" hole was spudded at 8:00 p.m., September 5, 1973, and drilled to 305". The 8-5/8" casing was set at that depth on September 6, 1973, with 200 sacks Class "A" cement with 2% CaCl. The hole was reduced to 7-7/8" at 325' and drilling resured.



8. I hereby certify that the foregoing is true and correct Original Signed by SIGNED 1 ARMOLD SNELD	TITLE Area Engineer	DATE September 7, 1973
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

WEW MULTOD OIL CHASEN AFTON COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section Well No. Operator Lease Ute Mountain Tribal "J" Amoco Production Company Unit Letter Section Township County San Juan 31 North 14 West Actual Footage Location of Well: South line and West feet from the 1110 feet from the line Ground Level Elev Producing Formation Pool Dedicated Avereage: Joint 160 5990 Dakota Ute Dome Dakota Outline the acerage dedicated to the subject well by colored pencil or hachure marks on the plat below. With Well J-1 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this farm, No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forcedpooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained ein is true and complete to the best of Area Engineer Company Amoco Production Company Date August 22 I herndy certify that the Sec. J-1this plat the colotted from find the of actual entrely prode by the the higher majeries that the same is true and correct to live best of my knowledge dad belief. Date Surveyed Audus Registered Professional Engineer and/or Land Surveyor Certificate No. 3602

Scale, 1 inch = 1,000 feet

Echohawk LS

NO OF TOPER HEE	EIVEC	1 2	otag				
DISTRIBUTA							
SANTA FE	/	<u>_</u>					
FILE	1						
U.S.G.S.	U.S.G.S.						
LAND OFFICE							
TRANSPORTER	OIL						
	GAS	1					
OPERATOR	1						
PROPATION OF	i						

	DISTRIBUTION  SANTA FE / C  FILE /  U.S.G.S.  LAND OFFICE  I PANSPORTER OIL  GAS /	REQUEST	CONSERVATION COMMISSION FFOR ALLOWABLE AND RANSPORT OIL AND NATURA	Form C 104 Supersettes Old C-104 and C-1 Effective 1-1-65 AL GAS
î.	OPERATOR / PROFATION OFFICE Operator AMOCO PRODUCTIO	ON COMPANY		
	Adoress			
		ive, Farmington, New Mex		
	Reason(s) for filing (Check proper bo How Woll Recompletion Change in Ownership	Change in Transporter of: Oil Dry C	Other (Please explain)  Gas  ensate	
	If charge of ownership give name and address of previous owner			
11.	DESCRIPTION OF WELL AND	LEASE		
	Ute Mountain Tribal "J	Well No. Poor Name, Including  1 4 Ute Dome I		Lease Indian Lease No. ederal or Fee 14-20-604-78
	Unit Letter L : 18	S50 Feet From The South L	ine and 1110 Feet 7	rom The West
	Line of Section 1 To	ownship 31N Range	14W , NMPM, S	an Juan County
Ш.	DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL G	AS	pproved copy of this form is to be sent)
	Name of Authorized Transporter of Co	usinghead Gas or Dry Gas 🔀	Address (Give address to which a	pproved copy of this form is to be sent)
	El Paso Natural Gas C	Go •	P. O. Box 990, Farm	ington, New Mexico 87401
	If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge.	Is gas actually connected?	When
	If this production is commingled with COMPLETION DATA	ith that from any other lease or pool,	, give commingling order number:	
	Designate Type of Completi	A	New Well Workover Deeper	Plug Back   Same Restv.   Diff. Restv.
	Date Spudded 9-5-73	Date Compl. Ready to Prod.  11-1-73	Total Depth 2436	P.B.T.D. 2397
	Elevations (DF, RKB, RT, GR, etc.) 5992 GL, 6004 KB	Name of Producing Formation  Dakota	Top Oil/Gas Pay 2285 *	Tubing Depth 2284
	Perforations 2356-2368 & 2285-230	אול אי א כמע		Depth Casing Shoe  2436 1
	2330-2308 & 2203-230		D CEMENTING RECORD	2430
	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	12-1/4" 7-7/8"	8-5/8", 24# 5-1/2", 14#	325 t 2436 t	200 450
V.	TEST DATA AND REQUEST F	OR ALLOWABLE (Test must be able for this d	after recovery of total volume of load epth or be for full 24 hours)  Producing Method (Flow, pump, go	oil and must be equal to or exceed top allow
	Date First New Oil Run To Tanks	Date of Lest	Producing Method (1 tow, pump, gr	
	Length of Teat	Tubing Pressure	Casing Pressure	Choke Size
	Actual Prod. During Test	Oil-Bbls.	Water - Bbls.	Gae-MCF
,	CAC MITT		The ro	7
i	Actual Fred, Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
ļ	2486 Testing Method (pitot, back pr.)	3 hr. Tubing Pressure(Shut-in)	Casing Pressure (Shut-in)	Choke Size
į	Back Pressure	459	459	0.750"
VI.	CERTIFICATE OF COMPLIAN	CE		RVATION COMMISSION
	I hereby certify that the rules and	regulations of the Oil Conservation	7.1.1.0	1973 / 19
	Commission have been complied a above in this and complete to the	with and that the information given e beat of my knowledge and belief.	BY CHULLY CC	Uwlf
		7	TITLE STOCKVISOR I	1ST. 45
	I daniel S.		11	in compliance with RULE 1104.

#### VI.

J. amel Snell
(Signiture)
Area Engineer
(1 '2)

NOVEMBER 5, 1973

If this is a request for allowable for a newly drilled or deepens well, this form must be accompanied by a tabulation of the deviatio tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition

#### SUBMIT IN TRIPLICATE\*

Budget	approved Bureau	No.	42-R1425

(MRA 1903)				Other instruction (Other)  reverse si		30 -04	45-121	
	DEPARTMENT	OF THE IN	ITERIOR		(	<del>/</del> _		BIAL NG.
	GEOLO	GICAL SURVE	Y			14-20	0-604	-10
APPLICATIO	N FOR PERMIT 1	O DRILL, D	EEPEN, OR	PLUG B	ACK	6. IF INDIAN, AI	LOTTEE OR TRIF	SE NAME
1a. TYPE OF WORK		<u> </u>						
b. TYPE OF WELL	ILL 🗵	DEEPEN [		PLUG BAC	CK 🗆	7. UNIT AGREEM	IENT NAME	
			SINGLE Z	MULTIP ZONE	rie 🗌			
2. NAME OF OPERATOR						Ute Mtn.	Tribal "	'J''
	CTION COMPANY					9. WELL NO.		
			_			4		
		· · · · · · · · · · · · · · · · · · ·					•	CAT
At surface	-		any State requir	ements.*)				
1830	. RZT GTTTO. LM:	L				AND SURVEY	OR AREA	•
At proposed prod. zon	_							n 1,
14. DISTANCE IN MILES		REST TOWN OR POST	OFFICE*		-			TATE
8 miles wee	t of La Plata.	New Mexico				San Juan	New	Mexico
15. DISTANCE FROM PROP	OSED*		16. NO. OF ACRES	IN LEASE		F ACRES ASSIGNE		1101220
PROPERTY OR LEASE	LINE, FT.	700'	160		_			
18. DISTANCE FROM PROI	POSED LOCATION*	750	19. PROPOSED DEF	тн	20. ROTAL	Y OR CABLE TOOL	.8	
	IS LEASE, FT. Pa:	radox	2425'		Rot	tary	•	
								_
	ded GL					Septem	ber, 1973	<u> </u>
23.	P	PROPOSED CASING	G AND CEMENT	ING PROGRA	.M			
SIZE OF HOLE	SIZE OF CASING						CEMENT	
7-7-8"	5-1/2"	14#	242	.5'	4(	30 sx		
log and com	plete well.				on with	n mud and	rotary to	ools,
DEPARTMENT OF THE INTERIOR  GEOLOGICAL SURVEY  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  18. TYPE OF WORK  DRILL DEEPEN PLUG BACK  OIL WELL OTHER SINGLE DELIVER ON MULLIPLE OF TRISE NAME  OIL WELL OTHER SINGLE DELIVER ON WILLIPLE ON WELL OTHER SINGLE DELIVER ON WILLIPLE ON WILL Tribal "J"  AMOCO PRODUCTION COMPANY  3. ADDRESS OF OFERATOR  501 Airport Drive, Farmington, New Mexico  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.")  At surface  18. TYPE OF WELL  OIL WELL OF THE MILLS AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  8 miles west of La Plata, New Mexico  10. DISTANCE FROM PROFOSED*  LOCATION TO REALEST, F. L. M., OR FILE.  Sam Juan New Mexic  10. DISTANCE FROM PROFOSED*  LOCATION TO REALEST, F. L. M., OR FILE.  AT TO THE INTERIOR  5. LEASE DESIGNATION AND SERIAL NO.  LICE MEN. Tribal "J"  Ute Mtn. Tribal "J"  Ute Dome Dakota  11. SEC. T. E. M., OR RILL.  NEW SW/4, Section 1,  T-31N., R-14-W  12. COUNT OF PARISH 13. STATE  Sam Juan New Mexic  10. DISTANCE FROM PROFOSED LOCATION TO PREALEST TOWN OR POST OFFICE*  8 miles west of La Plata, New Mexico  10. DISTANCE FROM PROFOSED LOCATION TO PREALEST TOWN OR POST OFFICE*  10. DISTANCE FROM PROFOSED LOCATION TO PREALEST TOWN OR POST OFFICE*  11. NO. OF ACRES IN LEASE TO TO PARISH 13. STATE  San Juan New Mexic  10. DISTANCE FROM PROFOSED LOCATION.  TO THIS WELL  JOINT 10.  10. ROTATI OR CABLE FOOLS  ROCATIVE DEPTH 20. ROTATI WORK WILL STATE*  5990' ungraded GL  PROPOSED CASING AND CEMENTING PROGRAM								
		•		. :	3.	. 19 J. S. L.	3.44 <b>4</b> 	
		<b>X</b> 3.		M. y/	•	2.3.44.5.7.55.4	•	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

T /BHOID SHEFT.	TITLE	Area Engineer	DATE 8/24/73
(This space for Federal or State office use)			
PERMIT NO.		APPROVAL DATE	
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE

#### NEW MEXICO OIL CONSERVATION COMMISSION

#### WELL LOCATION AND ACERAGE DEDICATION PLAT

				Lease		Well No.
/ነጠብርበ ነ	Production Co	ทอลคง		Ute Mountain	Tribal "J"	4
Unit Letter	Section Section	Township		Range	County	
L	1	31	North	14 West	San Juar	)
Actual Fontage Loc	ation of Well:				· · · · · · · · · · · · · · · · · · ·	
1850	feet from the	South	line and	1110 fe	et from the West	line
Ground Level Elev.	Producing Fo	rmation		Pool		/Dedicated Avereage:
5990	Dako	ta		Ute Dome Dake	ota	Joint 160 Acres
1. Outline the	acerage dedicated	to the sub	iect well by col	lared pencil or bach	ure marks on the pla	t helow
interest and ro	yalty),	ferent own	ership is dedic		·	nereof (both as to working all owners been consolidated
If answer is "n incessary") No allowable w	) No If one," list the owners	inswer is " s and tract	yes," type of c descriptions w	which have actually have been consolid		OIL CON DOM DIST. 3 reverse side of this form if ization, unitization, forced-
				1762.2'		ERTIFICATION  certify that the information contoin
	   			  - 	knowledge an	te and complete to the best of
					Area Company Amoo	Engineer  o Production Company
		Sac		i	71050	18t 22, 1973
		Sec. I			this plot we survey that the sen knowledge	territy of which the healt for him shown a crotted from the lates of ect by the and correct to the heat of the heat of the heat of the heat of

Scale. 1 inch = 1.000 feet

o. 3802 V. Echohawk LS

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

District II 811 South First, Artesia, NM 88210

District III 1000 RioBrazos Rd., Aztec, NM 87410

Dis 204

Engery, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe NM 87505

Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

VICIODIALUS ICE, MARCO, 1991 U 1991	Salita Fe, INIVI 67303	AMENDED REPORT
strict IV		AMENDED RELOID
10 South Pacheco, Santa Fe, NM 87505		

I.	R	EQUEST	FOR A	LLOWA	BLE A	AND A	UTHOR	JZAT	ION TO TI	RANSP	ORT	
	an.	-	rator name a		001 m				j	<sup>2</sup> OGRID		•
		OSS TIMB		RATING	COMP	'ANY			3	Reason for		Code 1/1/98
	Fai	rmington, N		·					Ch	ange of O		12/1/97
l	<sup>o</sup> l Number 045-21011			UTE	DOME D	<sup>5</sup> Pool N DAKOTA	ame					1 Code 720
L	perty Code					Property	Name				9 Well	Number
L			· · · · · · · · · · · · · · · · · · ·	UTE	MTN TF	RIBAL J					1	<del> </del>
	irface Lo	T	-r <u>-</u>		1		r		T	1=	<del> </del>	
Ul or lot no.	Section 01	Township 31N	Range 14W	Lot.Idn	Feet fro		North/Soutl	h Line	Feet from the	East/West	line	County SJ
L		ole Location		<u> </u>	1		L		1	<u> </u>		
UL or lot no.	Section	Township	Range	Lot.Idn	Feet fro	om the	North/South	h Line	Feet from the	East/West	line	County
12 Lse Code	13 Producing	g Method Code	14 Gas	Connection I	Date 1	5 C-129	Permit Numbe	er 16	C-129 Effective	Date	17 C-12	9 Expiration Date
U	<u> </u>						<del></del>		<del></del>			<del></del>
		ransporter							····			
18 Transporte OGRID			ansporter Nar and Address	ne		20	POD	21 (	D/G 22	POD UL and I	STR Los Description	
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				-								
		****	···								·	!
	uced Wat	er					- to - to -		·			· · · · · · · · · · · · · · · · · · ·
23	POD					24 PC	OD ULSTR L	ocation a	and Description	•		
V. Well	Completi	on Data										
25 Spud		<sup>26</sup> Ready Dat	te	27 TD			28 PBTD		29 Perfora	tion	30	DHC,DC,MC
31 Hole Size	· · · · · ·	<u> </u>	32 Casing a			,			34		<u> </u>	
31 Hole Size	: 		Casing a	and Tubing Si	ze	<del> </del>	33 Dep	pth Set		Sack	s Cemen	nt
	<del></del>				<del></del>					<del></del>		<del></del>
							<del></del>					
										····		
VI. Well	Test Data	a										
35 Date Ne	ew Oil	36 Gas Deliver	y Date	37 Test D	ate	38	Test Length		<sup>39</sup> Tbg. Pres	sure	40	Csg. Pressure
41 Choke S	Size	<sup>42</sup> Oil		43 Wate	er		44 Gas		45 AO	F	46	Test Method
with and that the knowledge and	ne information g	of the Oil Conser					OI	L CO	NSERVATI	ON DI	VISIC	)
Signature:	Vans	h_ D.	Vunnu	bust		Аррі	roved by:	Frank	T. Chavez			
Printed Name:		. Vennerber		<u> </u>		Title		Super	rvisor District #	3		
Title:		President-Lar		OE1 800 T	200	Appr	oval Date:					
48 If this is a cl	ecember 1,			(05) 632-51		الــــــــــــــــــــــــــــــــــــ			P	Co	. ^-	CDID# 000770
ii unis is a ci	nange of opera	ator fift in the C	T TAMP	ei and name i	of the pre Gail Je		alui		oco Production			3RID# 000778 12/01/97
XC)	Previo	Dpd ator Signa	ature			l Name		361110	Title	, Julian AS	Joseph	Date

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FOR	VI APPR	OVE	:D	
Bud	iget Bur	eau No.	10	04-013	5
Ε	xpires:	March	31.	1993	

NIDRY NOTICES	AND REPORTS ON WELLS	5. Lease Designation and Serial N
	AIVII DEPLIBIS LIIU VVELIS	

٧o. SUND 14-20-604-78 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 7. If Unit or CA, Agreement Designation Bureau of Land Manage mant 1. Type of Well Durarigo, Golorado ☐ Well Well Well 8. Well Name and No. 2. Name of Operator **UTE MTN TRIBAL J** # 1 Attention: AMOCO PRODUCTION COMPANY 9. API Well No. NANCY I. WHITAKER 3. Address and Telephone No. 3004521011 (303) 830-5039 P.O. Box 800, Denver, Colorado 80201 10. Field and Pool, or Exploratory Area **UTE DOME DAKOTA** 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 2460 FSL 1830FWL T 31N R 14W Sec. UNIT K SAN JUAN **NEW MEXICO** CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Change of Plans Notice of Intent **New Construction** Plugging Back Non-Routine Frecturing Subsequent Report Final Abandonment Notice Plug back lower Dakota (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.)\* MIRUSU 3/24/95 TAGGED FILL AND TOH WITH TUBING. TIH SET CIBP @ 2450, SPOTED 10 FT OF CEMENT FROM 2440 TO TOP OF CIBP. TIH AND RELANDED TUBING AT 2426'. NDBOP, NUWH. RDMOSU 3/24/95 - Of 12-4-40 12-02-1996 Approved by 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, ficticious, or fraudulent statements of representations as to any matter within its jurisdiction.

Submit 5 Copies
Appropriate District Office
DISTRICT I P.O. Box 1980, Hobbs, NM 88240

Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

State of New Mexico

OIL CONSERVATION DIVISION OIL CONSERVE ON DIVISION

RECE /ED

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

NAVABLE AND ALITHODIZA 199 AUG 22 AM 10 28

•	•	REQ					AUTHORI TURAL G			20		
I. Operator			10 16	KINDI	-UNI UI	L AND INA	TUNALG	Well	API No.			
AMOCO PRODUC	TION COMPA	NY						300	)4521011	100		
Address P.O. BOX 800	, DENVER,	COLORA	DO 8020	)1								
Reason(s) for Filing (Ch.	eck proper box)					Ot	her (Please expi	lain)				
New Well		0.1	Change in	Trans Dry (								
Recompletion Change in Operator		Oil Casinghe	ad Gas 🗔	•	lensate X							
If change of operator give	e name	Casingino		Conc	CHARGE [A]		<del></del>					
and address of previous of										<del></del>	<del> </del>	
II. DESCRIPTION Lease Name UTE MOUNTAIN		AND LE	Well No.	Pool UT	Name, Includ E DOME	ling Formation DAKOTA (	(GAS)	1	of Lease Federal or Fe		ease No.	
Location Unit Letter	К	- ;	2460	Feet	From The	FSŁ	ne and1	830 Fe	et From The	FWL	Line	
Section	01 Township	, 31	N	Rang	014	W , W	ІМРМ,	SAN	JUAN		County	
III. DESIGNATION Name of Authorized Tra	·	SPORTE	or Conder			<del></del>	ve address to w	hich approved	copy of this	form is to be s	ent)	
MERIDIAN OIL	•	LI	0. 00			1	AST 30TH	• • •				
Name of Authorized Tra		head Gas		or Di	y Gas 💢		ve address to w					
EL PASO NATULE FIGURE 1 PASO NATULE IN WEST PASO NATULE IN WATER 1 PASO NATULE IN		MPANY   Unit	Sec.	Twp.	Rge		30X 1492, lly connected?	EL PASC   When		79978		
If this production is comm	ningled with that f	rom any oli	her lease or	pool, g	zive comming	ling order nur	nber;					
IV. COMPLETIO	N DATA					_,						
Designate Type o	f Completion -		Oil Well	i_	Gas Well	New Well	İ	Deepen	Plug Back	Same Res'v	Diff Res'v	
Date Spudded		Date Com	pl. Ready to	Prod.		Total Depth P.B.T.D.						
Elevations (DF, RKB, RI	, GR, etc.)	Name of I	roducing Fo	rmatic	ax	Top Oil/Gas	Pay		Tubing Dep	pth		
Perforations	·	<u> </u>		<del></del>	<del></del>	<u> </u>			Depth Casi	ng Shoe		
			TUBING.	CAS	ING AND	CEMENT	ING RECOR	UD	<u> </u>		<del></del>	
HOLE SI	ζE		SING & TU				DEPTH SET			SACKS CEM	ENT	
						ļ			ļ. <u></u>			
V. TEST DATA A						. h		·		6 6-11 24 t	1	
OIL WELL Te Date First New Oil Run	st must be after re To Tank	Date of Te		oj toac	1 oil and mus	_,	r exceed top att lethod (Flow, pi			jor juli 24 hol	urs.)	
Length of Test		Tubing Pr	essure			Casing Pressure			Choke Size			
Actual Prod. During Test		Oil - Bbls.					Water - Bbls.			Gas- MCF		
GAS WELL		L			<del></del>	·	1 6 3		<del> </del>	<del></del>		
Actual Prod. Test - MCF	/D	Length of	Test			Bbls. Conde	nsate/MMCF	11.	Grayity of	Condensate		
l'esting Method (pitot, ba	ck pr.)	Tubing Pr	essure (Shut	-in)		-	sura (Chūt-in)	<u>y                                    </u>	Choke Size		, , ,	
VI. OPERATOR	CEPTIEIC	ATE OF	E COMP	T T A	NCE	<del></del>			1			
I hereby certify that the							OIL CON	<b>NSERV</b>	NOITA	DIVISIO	NC	
Division have been co is true and complete to	omplied with and t	hat the info	rmution giv			Dot	o Annrovo	vd.	JUL	5 199	0	
Nd)	fler-						e Approve		\	N		
Signature Doug W. Wh	aley, Staf	f Admi	n. Sup	o ru-	60%	By_			( المند	Them	<del></del>	
Printed Name	arcy, Dtal	r valiit	ու սար	Title	106	Title	<b>,</b>	50	rehvis(	OR DISTR	IICT #3	
June 25, 19 Date	90		303- Tele	830-	4280 No.							

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

### STATE OF NEW MEXICO MERGY MO MINERALS DEPARTMENT

**. ** * **** ***	****		
DIST RIGUT!	0=	$\Gamma$	
71L E			
u.t.a.a.			
TRANSPORTER GAS			
OPERATOR			
PROMATION OFF	KCR		

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Formal 06-01-83
Page 1

Separate Forms C-104 must be filed for each pool in multiply

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

pereter	
Amoco Production Company	
6drees	
501 Airport Drive Farmington, NM 87401	
reson(s) for filing (Check proper box)	Other (Please explain)
New Well Change in Transporter al:	
Aecompletion OII O	ry Gas
Change in Ownership Casinghed Gas C	and enagre - /V
Change of awnership give name 1 Address of previous owner	
DESCRIPTION OF WELL AND LEASE	
well No.   Pool Name, including f	
lte Mountain Triba   J   Ute Dom	e Dakota   Sinte, Foderal or Fee Federal 14-20-204-78
Unit Letter K : 2460 Feet From The South Lin	e and 1830 Feet From The West
Line of Section / Township 3/ N Range	14 W . NMPK: San Juan County
	bendered by the second of the
DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	. GAS
ne of Authorized Transporter of Cil or Condensate	Andress (Give address to which approved copy of this form is to be sent)
Permian Corp.	P. O. Box 1702 Farmington, NM 87499
e el Authorized Transporter ol Casinghead Gas ar or Dry Gas	Address (Give address to which approved copy of this form is to be sent)
71 Paso Natural Gas Company	P. O. Box 990 Farmington, NM 87401
1) produces all or liquids, Unit Sec. Twp. 'Age. ocenies of lanks. K 131N 14W	Is gas actually connected? When
production is commingled with that from any other lease or pool,	give commingling order number:
: Complete Parts IV and V on reverse side if necessary.	
RTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
erruly that the rules and regulations of the Oil Conservation Division have	APPROVED
offied with and that the information given is true and complete to the best of	£ 1700
edge and belief.	BY Shah
	TITLE
$O \setminus C \setminus$	
1) how	This form is to be filed in compliance with RULE 1104.
(Signature)	If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation
Admin. Supervisor	tests taken on the well in accordance with RULE 111.  All sections of this form must be filled out completely for silow-
1-2-85	able on new and recompleted wells.
(Date)	Fill out only Sections I, II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

completed wells.

310U-5 (November 1983) (Formerly 9-331) DEPA	UNITED :			TRIPLICATES	Budget Bureau Expires Augus  5. LEASE DESIGNATION	No. 1004-0135
	REAU OF LAN				14-20-604-78	THE STATE OF THE S
SUNDRY N	OTICES ANI	D REPORTS	ON WELLS		6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
(Do not use this form for p Use "APP	-	to deepen or plus	hack to a different re	eservoir.	Ute Mountain	
OIL GAS X OTHE					7. UNIT AGREEMENT N.	AME
WELL WELL A OTHE 2. NAME OF OPERATOR	:18	<del></del>	<del> </del>	<del></del>	8. FARM OR LEASE NA	
Amoco Production Comp	any				Ute Mountain	Tribal "J"
3. ADDRESS OF OPERATOR	) T	Massins	07/01		9. wall no.	
501 Airport Drive, Far				· · · · · · · · · · · · · · · · · · ·	10. FIELD AND POOL, C	R WILDCAT
See also space 17 below.) At surface	•		· •		lire Dome Dako	
2460' FSL X 1	830 ° FWI.		ECEIV		11. SEC., T., R., M., OR.	BLK. AND
2460 F3L X I	330 IMD		JUL 19738	4	NE/SW Sec. 1,	
14. PERMIT NO.	16. ELEVATIO	NS (Show whether	DE, RT. GR. etc.)	MULINE VÍ	12. COUNTY OR PARISE	1 13. STATE
			מאפדטיי שרבטניצי		San Juan	NM
6. Check	Appropriate B	ox To Indicate	Nature of Notice,	Report, or O	ther Data	
	TENTION TO:		1		BNT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER	CASING	WATER SHOT-	-ore	REPAIRING	WELL Y
PRACTURE TREAT	MULTIPLE COME	J	FRACTURE TR		ALTERING C	<del></del>
SHOOT OR ACIDIZE	ABANDON*		BEOOTING OR	ACIDIZING	ABANDONME	NT*
REPAIR WELL	CHANGE PLANS		(Other)	Report results	of multiple completion	on Well
(Other) 7. DESCRIBE PROPOSED OR COMPLETED	onen move (Class	la state all parties	/ Complet	tion or Recomple	ction Report and Log fo	rm.)
depth is 2576'. Perf 2403', 2414'-2412', 2 2362'-2414' with 45,0 1000 gals fluid and 7	jspf, .43" 00 gals 70	in diamete	er, for a tota foam containi	11 of 60 h	oles. Fraced	interval
Landed 2-3/8" tubing		29		-14-84.		
		er som	ر در رسید است	, d		
				. T. T		
					•	
ACCEPTED FOR REGI	10 f	१ <del>ए दू</del> पर	4		OUL 19 1954 OUN. OA	
MOGETTED TON MEDICAL			•••••		a man Wag	
JUL 1 8 1984				4.7 %	Now Co	
<b>V U U U U U U U U U U</b>					- 107. S	<i>7</i> ,
SY de SARL	, page 8				-	
1 hereby certify the infinite of B. D. S	Nieu By ·····	ect TITLE AC	lm. Supervisor	-	DATE 7-9-8	34
(This space for Federal or State	office use)				<del></del>	
PPROVED BY CONDITIONS OF APPROVAL, II	FANT:	_ TITLE			DATE	
	1	*See Instruction	Son Reverse Side	)	ਵ	

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 i States any false, fictitious or fraudulent statements or representations as to any matter within the intermediate.

Expires August 31, 1985 (Sec other in-DEPARTMENT OF THE INTERIOR structions on 5. LEASE DESIGNATION AND SERILL NO. BUREAU OF LAND MANAGEMENT 14-20-604-78 6. IF INDIAN, ALLOTTER OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* Ute Mountain Tribe Is. TYPE OF WELL: WELL X 7. UNIT AGREEMENT NAME Other 3.3 L TYPE OF COMPLETION: WORK X DIFF. RESVE. NEW WELL S. FARM OR LEASE NOME Ute Mountain Tribal "J" 2. NAME OF OPERATOR Amoco Production Company 3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). Ute Dome Dakota At surface 2460' FSL X 1830' FWL 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA-RECEIV At top prod. interval reported below Same DIVISION <u> Jiji 13 j984</u> At total depth NE/SW Sec. 1, T31N, R14W Same 12. COUNTY OR 13. STATE DATE ISSUED BUREAU OF LAND URCE AREA San Juan 17. DATE COMPL. (Ready to prod.) 15. DATE SPUDDED 16. DATE T.D. REACHED 19. ELEV. CASINGHEAD 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 10-16-72 10-26-72 12-1-72 6031' GR 6031' 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS
DRILLED BY 20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD ROTARY TOOLS CABLE TOOLS 2613' 25761 0-2613' single WAS DIRECTIONAL 24. PRODUCING INTERVAL(8), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\* SURVEY MADE 2369'-2483' old: 2362'-2414' new: no 26. TYPE ELECTRIC AND OTHER LOGS BUN 27. WAS WELL CORED Induction Electric and Comp. Form. Density no CASING RECORD (Report all strings set in well) CABING SIZE WEIGHT, LB./FT DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 8-5/8" 23# 319' 12-1/4" 200 SX 5-1/2" 14# 26131 7-7/8" 525SX 29. LINER RECORD 30 TUBING RECORD SCREEN (MD) BIZE BOTTOM (MD) SACKS CEMENTS DEPTH SET (MD) PACKER SET (MD) TOP (MD) SIZE 2-3/8" ald: 25151 2-3/8" 24861 new 1. PERFORATION RECORD (Interval, size and number) 82. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 2369'-2371', 2399'-2403', 2408'-2412' 2424'-2427', 2450'-2453', 2481'-2483', old: 2369'-2483 25,000 gal treated water & 1 jspf, total 18 holes. 70 quality foam '362'-2382', 2396'-2399', 2403'-2408', 2412<u>'- New:</u> 2362'containing 20#/1000 gals, 2 ispf. .43", total 60 holes 24141 PRODUCTION : FIRST PRODUCTION Flowing SI OF TEST HOURS TESTED PROD'N, FOR TEST PERIOD CHOKE SIZE OIL-BBL GAS-OIL BATIO JUL 18 7984 2**7-**72 .75" 3 hrs. TUBING PRESS. CABING PRESSURE CALCULATED OIL--BBL. OIL GRAVITY-API (CORE.) GAS-MCF. WATER--HBL 24-HOUR RATE 238 1325 DISTRICT SPOBITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITHESED BY o be sold to El Paso Natural Gas Company B.D. Dukes reby certify Ofinitarounderitaved information is complete and correct as determined from all available records B. D. Shaw TITLE Adm. Supervisor DATE .

UNITED STATES

Form approved,

SUBMIT IN DUPLICATE.

Budget Bureau No. 1004-0137

Salld.
white
20-40
75,000#
and
fluid
) gals
t/100(
surfactan
l gal
32.

32. l gal surf	actant/1000	gals fluid a	gal surfactant/1000 gals fluid and 75,000# 20-40 white same.			
37. SUMMARY OF POR drill-stem, tests, ir recoveries):	ROUS ZONES: (Shackluding depth int	now all important z erval tested, cush	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 shul-in pressures, and recoveries):	38. GEOI	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		T	тор
				NAME	MEAS. DEPTH	TRUE VERT, DEPTH
Gallup Greenhorn Dakota	1537' 2235' 2357'	1826' 2288' 2546'	L			
				7		
		-				:
 , e.č				-		
				<del>.</del>		
					·····	
. 7.74		e de de de de de de de de de de de de de	Complete the Complete to the C			

#### EL PASO NATURAL GAS COMPANY POST OFFICE BOX 990 FARMINGTON, NEW MEXICO

NOTICE OF GAS CON	NECTION	DATE	May 29, 1973
THIS IS TO NOTIFY T	HE OIL CONSERVATIO	N COMMISSION THAT	CONNECTION FOR PURCHASE OF
GAS FROMAmoco	Production Company Operator	Ute Mountain We	Tribal J #1 Il Name
87-621-01	19046-2	к	1-31-14
Meter Code	Site Code	Well Unit	S-T-R
Ute Dome Dal	<b>xota</b> pol	El Paso Natu Name	of Purchaser
WAS MADE ON May 2	Date ,	FIRST DELIVERY_	May 23, 1973 Date
AOF 1,700  CHOKE 1,325			
		Purchaser	atural Gas Company
		Representat	tive
		<u>Chief Dis</u> Title	patcher
cc: Operator <b>Denver</b> Oil Conservation Co Proration — El Paso	ommission $-2$		
File			-

non. Provated

NO. OF COPIES REC	EIVED	14	
DISTRIBUTIO	ON		
SANTA FE		7	u
FILE			
U.S.G.S.			
LAND OFFICE			
IRANSPORTER GAS			
		1	
OPERATOR			
PRORATION OF	FICE		
Operator		DODI	

	DISTRIBUTION  SANTA FE / C		CONSERVATION COMMISSION FOR ALLOWABLE AND	Form C-104 Supersedes Old C-104 and C-11 Effective 1-1-65
	U.S.G.S.  LAND OFFICE	AUTHORIZATION TO TRA	AND ANSPORT OIL AND NATURA	L GAS
	IRANSPORTER GAS /			
ı.	PRORATION OFFICE	T		
	Operator AMOCO PRODUC	TION COMPANY		
	Address			
	Reason(s) for filing (Check proper bo	Drive, Farmington, New M	exico 87401 Other (Please explain)	
	New Well	Change in Transporter of:		
	Recompletion	Oil Dry G	F I	
	Change in Ownership	Casinghead Gas Conde	ensate []	
	If change of ownership give name and address of previous owner			
11.	DESCRIPTION OF WELL AND	LEASE   Well No.   Pool Name, Including F	Formation   Kind of L	T 1
	Ute Mountain Tribal ".		State 75	ease Federal Lease No. deral or Fee 14-20-604-7
	Unit Letter K : 24	60 Feet From The South Lin	ne and 1830 Feet Fr	om The West
	L			an Juan County
111.	Name of Authorized Transporter of Cl	or Condensate		proved copy of this form is to be sent)
	Name of Authorized Transporter of Ca			proved copy of this form is to be sent)
	El Paso Natural Gas Con	mpany Unit Sec. Twp. Rge.	P. O. Box 990, Farmi	ngton, New Mexico 87401
	If well produces oil or liquids, give location of tanks.		No	
	If this production is commingled we COMPLETION DATA	ith that from any other lease or pool,	give commingling order number: New Well Workover Deepen	Plug Back   Same Resty.   Diff. Resty.
	Designate Type of Completi		X	
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D,
	10-18-72 Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	2613' Top Oll/Gas Pay	Tubing Depth
	6031' GL, 6045' KB	Dakota	2369-24831	2515
	Perforations 2369-71, 2399-2403, 24	08-12, 2424-27, 2450-53,	2481-83 x 1 SPF	Depth Casing Shoe 2613
		<del></del>	D CEMENTING RECORD	
	12-1/4"	CASING & TUBING SIZE  8-5/8"	319 t	SACKS CEMENT 200 sx
	7-7/8"	5-1/2"	2613'	525 sx
		Tbg. 2-3/8"	2515'	
v.	TEST DATA AND REQUEST F	OR ALLOWABLE (Test must be a	fter recovery of total volume of load	oil and must be equal to or exceed top allow-
	OIL WELL Date First New Oil Run To Tanks	able for this de	epth or be for full 24 hours) Producing Method (Flow, pump, ga.	s life, etc.)
				(all INCO)
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size
	Actual Prod. During Test	Oil-Bbls.	Water - Bbls.	Greatice
				Coll Coll
	GAS WELL			
	Actual Prod. Test-MCF/D  1325	Length of Test  3 hr.	Bbls, Condensate/MMCF	Gravity of Condensate
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
	Back Pressure	377	458	0.750"
VI.	CERTIFICATE OF COMPLIAN	CE		VATION COMMISSION
	I hereby certify that the rules and	regulations of the Oil Conservation	APPROVED DEC	1977. 19
	Commission have been complied	with and that the information given e best of my knowledge and belief.	BY Cewy C	level
		• • • • • • • • • • • • • • • • • • • •	1	gon 147.1. #3
	_ /	1 11	}} <b>/</b>	
	J. Amed	fell	If this is a request for al	in compliance with RULE 1104. lowable for a newly drilled or deepened
	(Sign	ature)	well, this form must be accome tests taken on the well in ac	manied by a tabulation of the deviation
	Area Enginee		All sections of this form	must be filled out completely for allow-
	(Ti	iiie)	able on new and recompleted	wells.

December 4, 1972

Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply

#### SUBMIT IN DUPLICATE. UNITED STATES

DEPARTMENT OF THE INTERIOR

Form approved. Budget Bureau No. 42

(See other instructions on reverse side)

Sudget Bureau No. 42

5. LEASE DESIGNATION AND SEE

	Gl	EOLOGICAL	. SURVEY	<b>,</b>			14-29-	604-78
WELL CO	MPLETION (	OR RECOMI	PLETION	REPORT	AND LO	G*		LLOTTEE OR TRI
1a. TYPE OF WEL	L: OIL WELL	GAS WELL	N	045			7. UNIT AGREES	MENT NAME
b. TYPE OF COM		WELL	DRY L	Other			4 4 5 5	
NEW WELL	WORK DEEP-	PLUG BACK	DIFF. DESVR.	Other			S. FARM OR LE	ASE NAME
2. NAME OF OPERAT		Dack C	LESVA.	Other			Ute Moun	tain Trib
AMOCO PE	RODUCTION CO	MPANY					9. WELL NO.	
3. ADDRESS OF OPER	RATOR				· · · · · · · · · · · · · · · · · · ·		1	. \$ 37 \$
	ort Drive,						10. FIELD AND	POOL, OR WILDCA
4. LOCATION OF WEI				_			Tte Do	me Dakota
At surface	2460° FSL &	1820' FeL,	Section 1	l, T-314,	R-14W		11. SEC., T., R., OR AREA	M., OR BLOCK AND
At top prod. int	erval reported belov	, Same					NE/4 SW/4	Section
At total depth	Same						T-31-8. B	
At total depth	Jame	F	14. PERMIT NO		DATE ISSUED		12. COUNTY OR	13. STAT
			14. IEBAII NO		DATE INSUED		PARISE Sun June	
15. DATE SPUDDED	16. DATE T.D. REA	CHED   17. DATE C	OMPL. (Ready	to prod.) l 10	ELEVATIONS (	DM DED		9. ELEV. CASING
10-18-72	10-26-72	1	-1-72		031* GL,		ML, UM, MLC.,	6031°
20. TOTAL DEPTH, MD	a TVD   21. PLUG,	BACK T.D., MD & TVD		LTIPLE COMPL.,		ERVALS	BOTARY TOOLS	CABLE T
2613*	25	761	HOW	dany=	DRI	LLED BY	0-2613'	
24. PRODUCING INTER	VAL(S), OF THIS CO	MPLETION-TOP, B	OTTOM, NAME (	MD AND TVD)*		\		25. WAS DIRECT
2369-248	3* Dakota					:/7	<i>\</i>	No.
<u> </u>							· · · · · · · · · · · · · · · · · · ·	2 7 7 7
26. TYPE ELECTRIC A				,	370	J 1.	27	. WAS WELL CO
Induction	n Electric s	nd Comp. Fo	orm. Dens:	ity	7 5 . A 1.	<u> </u>		No
28.			RECORD (Re				<u> </u>	<del> </del>
CASING SIZE	WEIGHT, LB./FT	. DEPTH SET	· · · · · · · · · · · · · · · · · · ·	OLE SIZE	CE	MENTING		AMOUNT F
5-1/2"	23#	2613	1	-1/4"			) sx	Ace
J-1/2		7017		-7/8"		343	) SX	_ Xon
	- <del></del>				<u> </u>			-
<b>29</b> .	LI	NER RECORD	1		30.	. ,	TUBING RECOR	C .
SIZE	TOP (MD) E	OTTOM (MD) 84	CKS CEMENT*	SCREEN (MI	D) SIZE		DEPTH SET (MD)	PACKER SE
					2-:	3/8*	2515	Non
				-			`_	
31. PERFORATION REC	•	•		82.	ACID, SHOT	r, fract	URE, CEMENT S	QUEEZE, ETC.
2369-2371	2481-2			DEPTH INT	ERVAL (MD)	AM	OUNT AND KIND	F MATERIAL US
2399-2403	i sp	F		2369-24	83'	Frac	x 25,000 g	al. treat
2408-2412						<u>s 25,</u>	.000 lbs. s	and
2424-2427				ļ	; 	-	, w-	
2450-2453 33.*	· -		DRC	DUCTION	·	<u> </u>		
DATE FIRST PRODUCT	ION   PRODUCT	TION METHOD (Flor			and type of pu	mp)	WELL ST	ATUS (Producing
		•	- Flowin	H <del>e</del>		• •	ahut-ii	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR	OIL-BBL.	GAS-M	CF.	WATER-BBL.	GAS-OIL RAT
11-27-72	3 hrs.	0.750°	TEST PERIOD		į.			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED	OIL-BBL.	GAS1	MCF.	WATER-	BBL. OI	L GRAVITY-API (
102	238	24-HOUR RATE		1	325		:	
34. DISPOSITION OF G				•	· · · · · · · · · · · · · · · · · · ·		TEST WITNESSE	D BY
To be sold :		atural Gas	Co.				E. D. E	ukes
35. LIST OF ATTACH	MENTS			113.1	3 金田 日	. (	57. 11.	
20 T hand	Aba. Ab. 6			1, 4	2 W (2) (	U 17	* 5 1 4	
36. I hereby certify	•		mation is com	piete and corre	ect as determin	ed from	au available reco	ras
SIGNED	المحمدية أن يرثي 	به د د د د د و و و و و و و و و و و و و و	TITLE	Area Ba	gineer .		DATE _	Dec. 5.
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			********				DATE _	

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. should be listed on this form, see item 35.

1 If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing Submit a separate report (page) on this form, adequately identified, Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. for each additional interval to be separately produced, showing the additional data pertinent to such interval. (if any) for only the interval reported in Item 33. interval, or intervals, top(s), bottom(s) and name(s) or Federal office for specific instructions.

Hem 29: "Sacks Cement": Attached supplemental records for this well show the details of any multiple stage cementing and the location of the cementing tool. Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC,	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC,	-			TOP
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gellup	1537	1826					
Greenhorn	2235'	2248					
Dakota	2357	2546*					
							•
-			30, 2		85		
		-		-	. 1 3		
•					•		
					÷.	-	
-							

Form	9-331
(May	1963)

16.

NOTICE OF INTENTION TO:

## UNITED STATES SUBMIT IN TRIPLICATE\* DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

GEOLOGICAL SURVEY	14-20-6
STICES AND DEPONTS ON WELLS	6. IF INDIAN, AL

SUNDRY N	OTICES AND REPORTS ON WELLS	G. IF INDIAN, ALLOTTEE OR T	KIBE NAME
(Do not use this form for p	roposals to drill or to deepen or plug back to a different reservoir. LICATION FOR PERMIT—" for such proposals.)	Ute Mountain Tr	1be
OIL GAS WELL OTR		7. UNIT AGREEMENT NAME	
WELL WELL OTH  2. NAME OF OPERATOR	:K	8. FARM OR LEASE NAME	
ANOCO PRODUCTIO	PN COMPANY	Ute Mountain Trib	al "J"
3. ADDRESS OF OPERATOR		9. WELL NO.	
501 Airport Dr	ve, Farmington, New Mexico 87401	1	
<ol> <li>LOCATION OF WELL (Report locat See also space 17 below.)</li> </ol>	ion clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILL	
At surface		Ute Done Dakot	
2460' FSL & 183	0' FWL, Section 1, T-31N, R-14W	11. SEC., T., R., M., OR BLK. AN SURVEY OR AREA NE/4 SW/4 Section	
		T-31-N, R-14-W	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13.	STATE
	6031' Gr.	San Juan N	ew Hexic

PULL OR ALTER CASING TEST WATER SHUT-OFF WATER SHUT-OFF REPAIRING WELL MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING SHOOTING OR ACIDIZING ABANDON\* ABANDONMENT\*

FRACTURE TREAT SHOOT OR ACIDIZE Perf & Frac REPAIR WELL CHANGE PLANS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

17. 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.)\* proposed work. I nent to this work.)

The hole was displaced with treated water and 500 gallons 15% MC1 was spotted. Perforated 2369-71, 2399-2403, 2408-12, 2424-27, 2450-53, 2481-83, with 1 SPY. Sand-water fraced with 25,000 gallons water treated with 1% KC1 and 10 pounds Gel per 1,000 gallons water, 5,000 pounds 20-40 sand, 10,000 pounds 10-20 sand and 10,000 pounds 8-12 sand. Breakdown pressure 1550 psi, Maximum treating pressure 2200 psi and average treating pressure 2100 psi. AIR 33.4 BPH.

SUBSEQUENT REPORT OF:

U. S. GEOLOGICAL SURVEY DURANGO, COLO.



•	Original Signed by  J. ARNOLD SNELL	TITLE _	Area Engineer	DATE November	8, 197
(This space	e for Federal or State office use)				
	O BYNS OF APPROVAL, IF ANY:	TITLE _		DATE	

Form	9 <b>-331</b>
(May	1963

16.

## UNITED STATES

SUBMIT IN TRIPLICATE\*

Form approved. Budget Bureau No. 42+R1424.

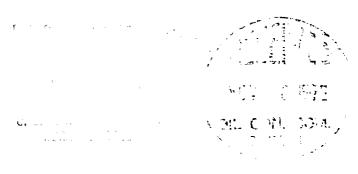
•	DEPARTN	MENT OF THE INTERIOR verse side)	5. LEASE DESIGNATION AND SERIAL NO.
	G	EOLOGICAL SURVEY	14-20-604-78
		CES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Use "APPLICA	ils to drill or to deepen or plug back to a different reservoir.  TION FOR PERMIT—" for such proposals.)	Ute Mountain Tribe
1.			7. UNIT AGREEMENT NAME
	WELL GAS WELL OTHER		
2.	NAME OF OPERATOR		8. FARM OR LEASE NAME
	AMOCO PRODUCTION (	COMPANY	Ute Mountain Tribal "J"
3.	ADDRESS OF OPERATOR		9. WELL NO.
	501 Airport Drive,	Farmington, New Hexico 87401	1
4.	LOCATION OF WELL (Report location cl See also space 17 below.)	early and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
	At surface		Ute Dome Dakota
			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
	2460' FSL & 1830'	FWL, Section 1, T-31N, R-14W	NE/4 SE/4 Section 1,
			T-31-N, R-14-W
14	. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
		6031' Gr.	San Juan   New Mexico

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTI	CE OF	F INTENTION TO:		SUBSEQUENT	REPORT OF:	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL		PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS		WATER SHUT-OFF  FRACTURE TREATMENT SHOOTING OR ACIDIZING  (Other)		<b>X</b>
(Other)			<u></u> _	(Note: Report results of m Completion or Recompletion	Report and Log form.)	

17. 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.)\*

The 5-1/2" casing was set at 2613' with 425 sacks Class "C" cement with 6% Gel and 2 pounds Tuf Plug per sack followed by 100 sacks Class "C" Neat. The cement circulated.



18. I hereby certify that the foregoing is true an Original Signed by SIGNED	od correct	Area Engineer	DATE _Octobe	
(This space for Federal or State office use)				
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE	

UNITED STATES	SUBMIT IN TRIPLICATE*	Form approve Budget Bures
EPARTMENT OF THE INTER	RIOR (Other instructions on reverse side)	5. LEASE DESIGNATION
		6. IF INDIAN, ALLOTTER
-	- · · ·	
a for proposals to drill or to deepen or plug e "APPLICATION FOR PERMIT—" for such	g back to a different reservoir.  proposals.)	Ute Hounts
OTHER		7. UNIT AGREEMENT NA
		8. FARM OR LEASE NAS
ION COMPANY		Ute Mountain
		9. WELL NO.
		1
rt location clearly and in accordance with an	ny State requirements.*	Uta Doma Da
1830' FWL, Section 1, T-31	ln, R-14W	11. SEC., T., R., M., OR E ME/4 SW/4 SEC T-31-H, R-14-
15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH
6031' Gr.		San Juan
Check Appropriate Box To Indicate	Nature of Notice, Report, or O	ther Data
CE OF INTENTION TO:	SUBSEQU	ENT REPORT OF:
PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V
MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA
ABANDON*	SHOOTING OR ACIDIZING	ABANDONMEN
CHANGE PLANS	(Other) Spud & se	t cacing
	(Note: Report results Completion or Recomple	of multiple completion etion Report and Log for
	other  OTHER  OTHER  OTHER  OTHER  OTHER  TO COMPANY  The Farmington, New Maxis of the location clearly and in accordance with an accordance with an accordance with a series of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location of the location	TOTICES AND REPORTS ON WELLS in for proposals to drill or to deepen or plug back to a different reservoir.  OTHER  CON COMPANY  Tive, Farmington, New Mexico 87401  It location clearly and in accordance with any State requirements.*  1830' FWL, Section 1, T-31N, R-14W  15. ELEVATIONS (Show whether DF, RT, GR, etc.)  6031' Gr.  Check Appropriate Box To Indicate Nature of Notice, Report, or Oce OF INTENTION TO:  SUBSEQUE  PULL OR ALTER CASING WATER SHUT-OFF

\*See Instructions on Reverse Side

#### SUBMIT IN TRIPLICATE\*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

## UNITED STATES DEPARTMENT OF THE INTERIOR

30-045 2/01/ 5. Lease designation and serial no.

	GEOL	OGICAL SURVE	ΣΥ		14-20-604-	78
APPLICATION	Y FOR PERMIT	TO DRILL, D	EEPEN, OR PLUG	BACK	6. IF INDIAN, ALLOT	
1a. TYPE OF WORK				_	7. UNIT AGREEMENT	
b. TYPE OF WELL	ILL X	DEEPEN [	PLUG BA	CK 🗆		
oir C	ELL OTHER		SINGLE MULTI	PLE	8. FARM OR LEASE	AME
2. NAME OF OPERATOR					Uta Mountai	n Tribal "J"
	ICTION COMPANY				9. WELL NO.	
3. ADDRESS OF OPERATOR			•		10. FIELD AND POOL	OR WILDCAM
501 Airport 4. LOCATION OF WELL (R	eport location clearly an	d in accordance with	exico h any State requirements.*)		Vite Dome	,
At surface			lon 1, T-31N, R-14N	· -	11. SEC., T., R., M., O	
At proposed prod. zon					NE/4 59/4 S	ection 1,
					K-14-4, I-3	1-1
	AND DIRECTION FROM NE		OFFICE*		12. COUNTY OR PARIS	
5 MILOS WOST	of La Plata,	new Mexico	16. NO. OF ACRES IN LEASE	17. NO. OF	San Juan	New Hexic
LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig	r Line. Ft.	160	1768.33		IS WELL	160 N
8. DISTANCE FROM PROP TO NEAREST WELL, D	OSED LOCATION*		19. PROPOSED DEPTH	20. ROTARY	Y OR CABLE TOOLS	<del></del>
OR APPLIED FOR, ON TH	IS LEASE, FT.	260	2650	<u> </u>	<del>, =</del>	Rotary
1. ELEVATIONS (Show who	•					WORK WILL START*
6025' GL ungs	raus a				Septembe	T 29/2
<b>u.</b>		PROPOSED CASIN	G AND CEMENTING PROGR	AM		
				l l		
SIZE OF HOLE	SIZE OF HOLE SIZE OF CASING				QUANTITY OF CEM	ENT
12-1/4"	8-5/8"	WEIGHT PER FO	300 '		50 sx.	IENT
12-1/4" 7-7/8"  Dakota well to No. 1. Well to determined upo	8-5/8" 5-1/2" be drilled as to be drilled was logging. Co	23# 15# a twin to I with rotary to pies of logs	2650'  Paradox well lite Nationals and rests will be	ountain 1 apletion	50 sx. 90 sx. Tribal "H" G program wil ted upon com	as Com 1 be plation
12-1/4" 7-7/8"  Dakota well to No. 1. Well to determined upo	8-5/8" 5-1/2" be drilled as to be drilled was logging. Co	23# 15# a twin to I with rotary to pies of logs dox location	2650' Paradox well lite Nationals and mad. Con	ountain 1 apletion	50 sx. 90 sx. Tribal "H" G program wil ted upon com	as Com 1 be plation
Dakota well to No. 1. Well to determined upon of well. Well to determined upon of well. Well to determine upon of well. Well well to determine upon well. Well to determine upon well. Well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon well to determine upon	8-5/B" 5-1/2" be drilled as to be drilled won logging. Colis in unorthous is in unorthous drilled won for the drill or deepen direction.	216 158  a twin to I pith rotary to pies of logs dox location  proposal is to deep	2650'  Paradox well lite Nationals and rests will be	present production de measured	SEP 6 SCORE OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL	as Com 1 be pletion ested.  372 CM.  sed new productive oths. Give blowout
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Collis in unorthold is in unorthold is in unorthold.  PROPOSED PROGRAM: If drill or deepen direction y. Signed by DED SMELL	216 158  a twin to I pith rotary to pies of logs dox location  proposal is to deep	2650°  Paradox well lite his tools and raid. 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# ILLEGIBLE

NEW MEXICO OIL CONSERVATION COM-WELL LOCATION AND ACREAGE DEDIC:

PLASEP 13 1972

All distances must be from the outer boundaries of the Section. Uto Mountain Tribal and dien Company Sen Juan 31N Last Location of Well: feet from the South feet from the 1.350 line and line Producing Formation Dealcated Acreages Ute Dome Dakota 160 Daketa ... Our man me acreage dedicated to the subject well by colored pencil or hachare marks on the plat below. 2. It was than one lease is dedicated to the well, outline each and identify the ownership more of (both as to working .nicrest and royalty). 5. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoliamed by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation \_ if an over is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of mis form if necessary.), No aslowable will be assigned to the well until all interests have been consolidated (by communitiza... forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Commis-Star La CERTIFICATION Ute Mountain Tribe I hereby certify that it . .. on con-I-22-IND-52 tained herein is true and complete to the 100% Amoço best of my knowledge and barr-Name Arnold Area Enginec Company AMOCO PRODUCTION COMPANY Date September 1, 1972 1 J -1 18 301 I hereby certify that the well location shown on this plat was placed from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the sen or my knowledge and belief. "H" Lease Lountair Tribal : .-\_·-604-718 Date Surveyed . . . . . 100% Commence of the Registered Profession ana/or Lana Surveyor. Certifier ::

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