

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078194	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201		8. FARM OR LEASE NAME, WELL NO. Ludwick LS	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1020FSL 1710FEL At proposed prod. zone		9. API WELL NO. 30-045-29079	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11 Miles From Aztec, N.M.		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde/Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 29 Township 30N Range 10W	
16. NO. OF ACRES IN LEASE 2450.28		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 319.62		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 7381' TD	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 02-02-94	
22. ELEVATIONS (Show whether DF, RT, GR., etc.) 6135' GL		23. PROPOSED GASING AND CEMENTING PROGRAM	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17 1/2"	13-3/8"	61#	400'
12-1/4"	9-5/8"	36#	2987'
8-3/4"	7"	23#	6869'
6 1/4"	4 1/2"	11.6#	6669-7381' Liner
		124cf CI G	

Notice of Staking submitted on 12/8/93 as Ludwick LS 20M. Arch survey Ref. 20052

Lease Description:

T29N-R10W:

Sec. 5: Lots 5-12

Sec. 6: Lots 8-15

T30N-R10W:

Sec. 19: Lots 5-20 all

Sec. 29: Lots 1-16 all

Sec. 31: Lots 15-20 all

RECEIVED
FEB - 7 1994

OIL CON. DIV.
DIST. 3

CONFIDENTIAL

RECEIVED
JAN 8 1994

OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Julie L. Acevedo TITLE Sr. Staff Assistant DATE 12-13-1993

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to develop operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

APPROVED BY

TITLE

NMOCD

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT MANAGER

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease Ludwick LS		Well No. 17M
Unit Letter 0	Section 29	Township 30 NORTH	Range 10 WEST	County NMPM	SAN JUAN
Actual Footage Location of Well: 1020 feet from the SOUTH line and 1710 feet from the EAST line					
Ground level Elev. 6135	Producing Formation Blanco Mesaverde		Pool Blanco Mesaverde	Dedicated Acreage: E/2 320 319.62 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

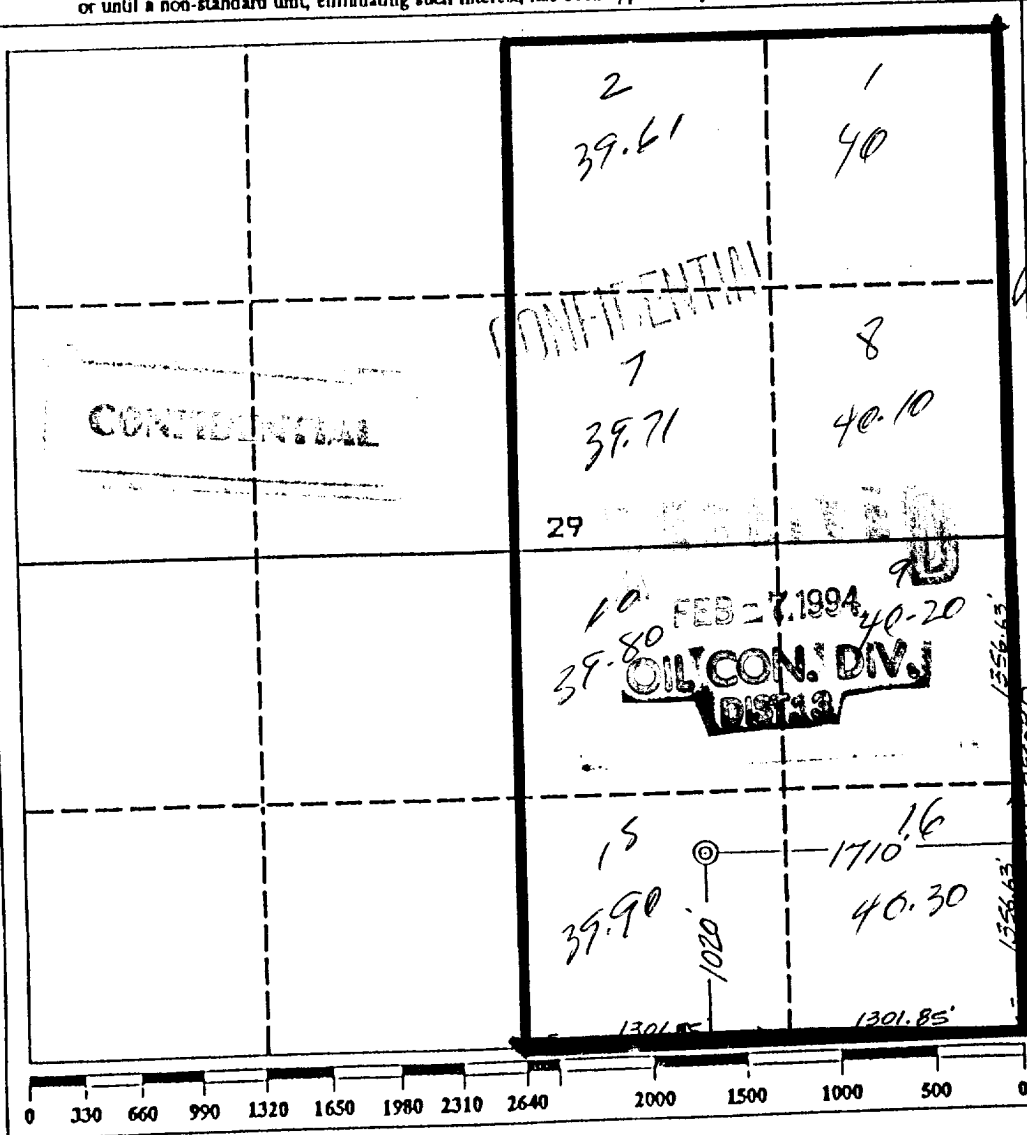
Signature *Julie L. Acevedo*
Printed Name **Julie L. Acevedo**
Position **Sr. Staff Assistant**
Company **Amoco Production Company**
Date **2/2/94**

SURVEYOR CERTIFICATION

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

Date Surveyed **November 3, 1993**

Signature & Seal of Professional Surveyor
GARY D. VANN
7016
Gary D. Vann
Certification No. **7016**



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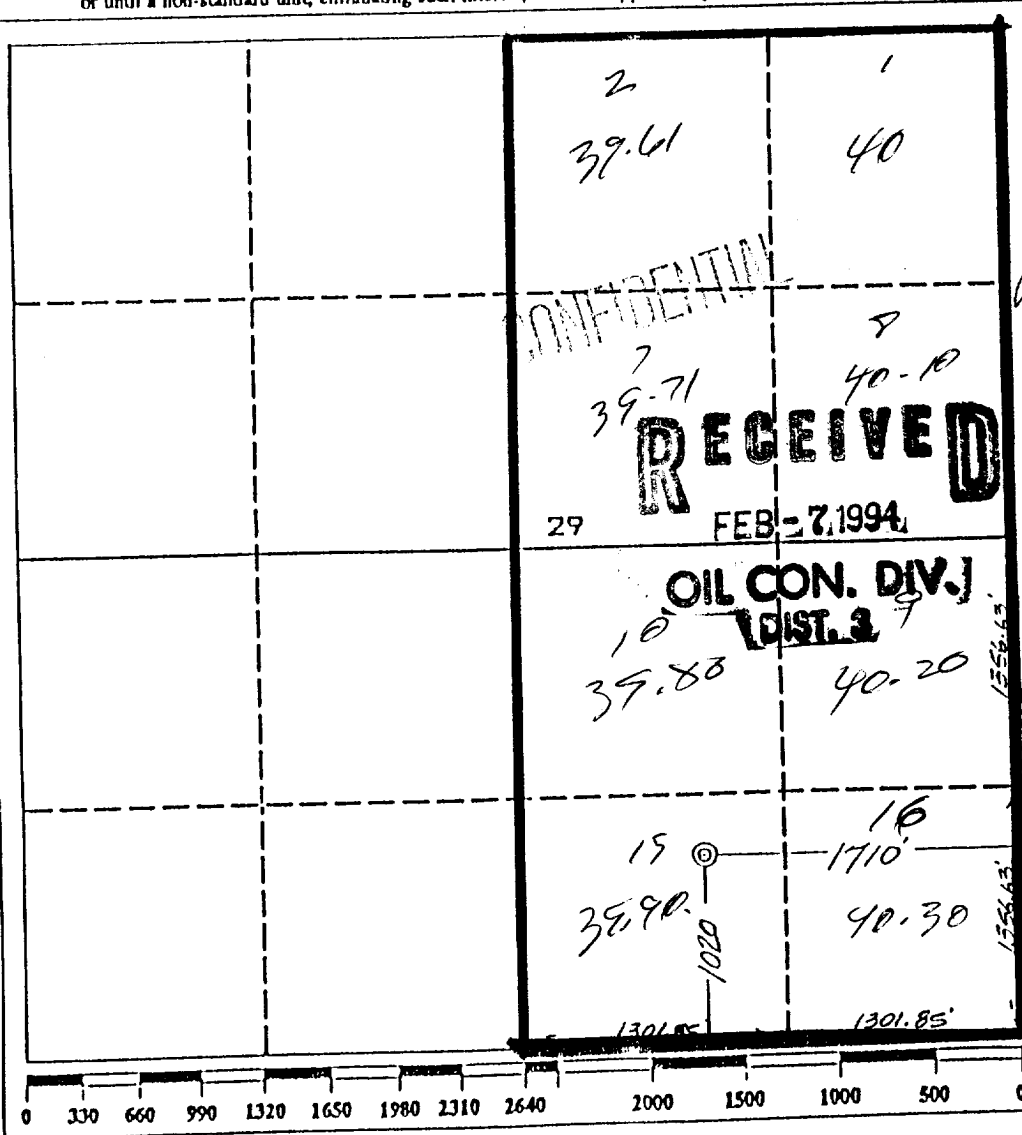
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1000 Rio Brazos Rd., Aztec, NM 87410

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Unit Letter Q	Section 29	Township 30 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 1020 feet from the SOUTH line and 1710 feet from the EAST line					
Ground level Elev. 6135	Producing Formation Basin Dakota		Pool Basin Dakota	Dedicated Acreage: E/2 320 3/4 19.62 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature *Julie L. Acevedo*
Printed Name **Julie L. Acevedo**
Position **Sr. Staff Assistant**
Company **Amoco Production Company**
Date **2/2/94**

SURVEYOR CERTIFICATION

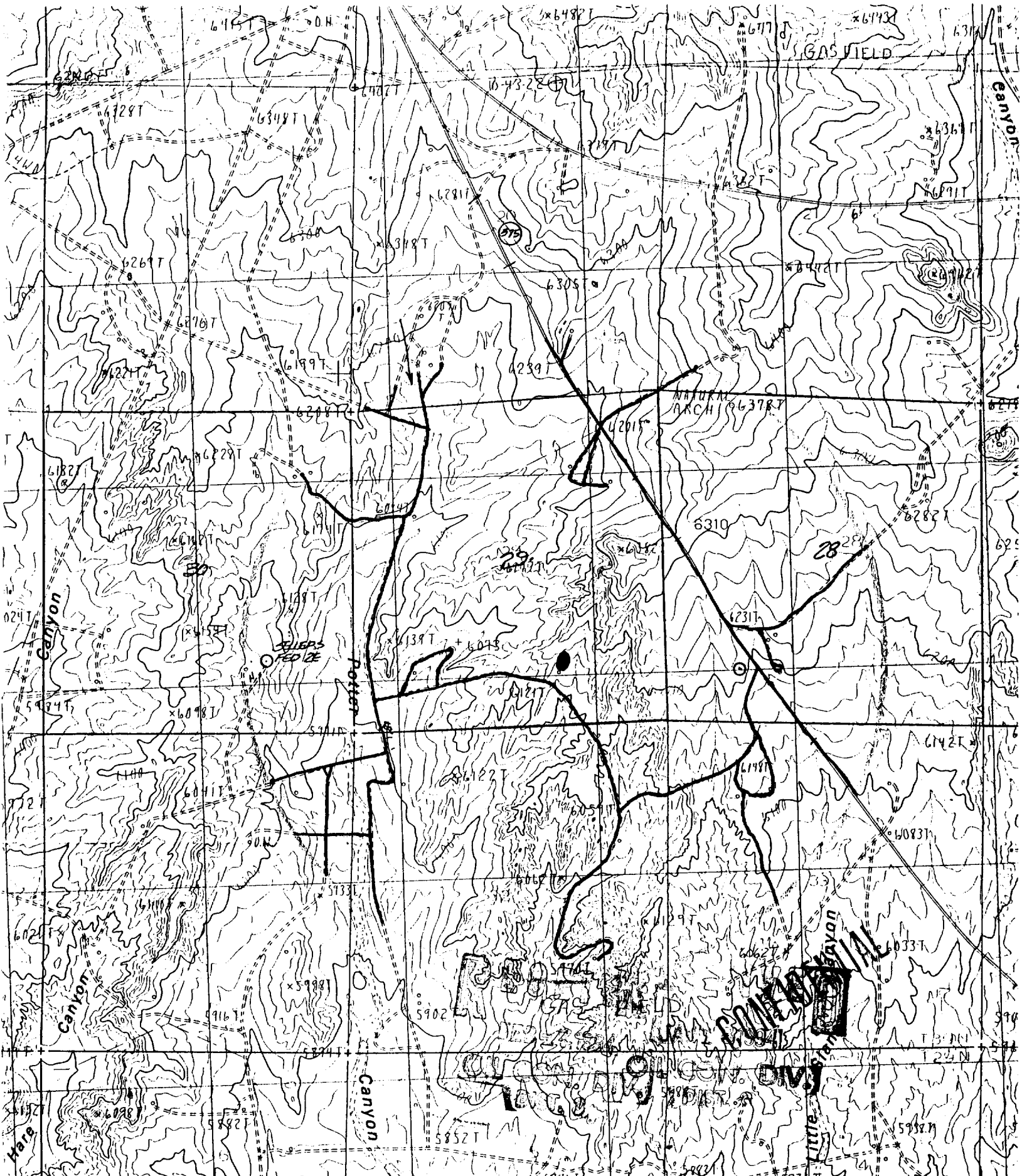
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Date Surveyed
November 3, 1993

Signature & Seal of Professional Surveyor
GARY D. VANN

NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016

Gary
Certification
7016



AMOCO PRODUCTION COMPANY
REF. # 20052
1020' F/SL 1710' F/EL
SEC. 29, T30N, R10W, NMPM
SAN JUAN COUNTY, NEW MEXICO

EXISTING
ROADS

