

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 2185' FNL x 355' FEL
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles south of Farmington, NM

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 355'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 2300' S

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5807' GR

23. DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS" AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3#, H-40	300'	200 c.f. Class B
8-3/4"	7"	20#, K-55	6167'	1398 c.f. Class B

Amoco proposes to drill the above well to further develop the Basin Dakota and Wildcat Gallup reservoirs. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to El Paso Natural Gas under contract No. 56742.

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.

24. Original Signed By
SIGNED B. D. Shaw TITLE Administrative Supervisor

(This space for Federal or State agency use)
PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

NSL 1969

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JAN 29 1985
OIL CON. DIV.
DIST. 3

*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.

5. LEASE DESIGNATION AND SERIAL NO.
SF-078902

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.
178E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota/Wildcat Gallup

11. SEC., T., R., M., OR BLE.
AND SURVEY OR AREA

SE/NE Sec 4, T27N, R12W

12. COUNTY OR PARISH 13. STATE

San Juan NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N 320.43 320/40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

As soon as permitted

This section is subject to administrative

appeal pursuant to 30 CFR 2901

QUANTITY OF CEMENT

200 c.f. Class B

1398 c.f. Class B

AS AMENDED

JAN 24 1985

DATE

W/L J. Stan McKee

ASST. AREA MANAGER

FARMINGTON RESOURCE AREA

All distances must be from the outer boundaries of the Section.

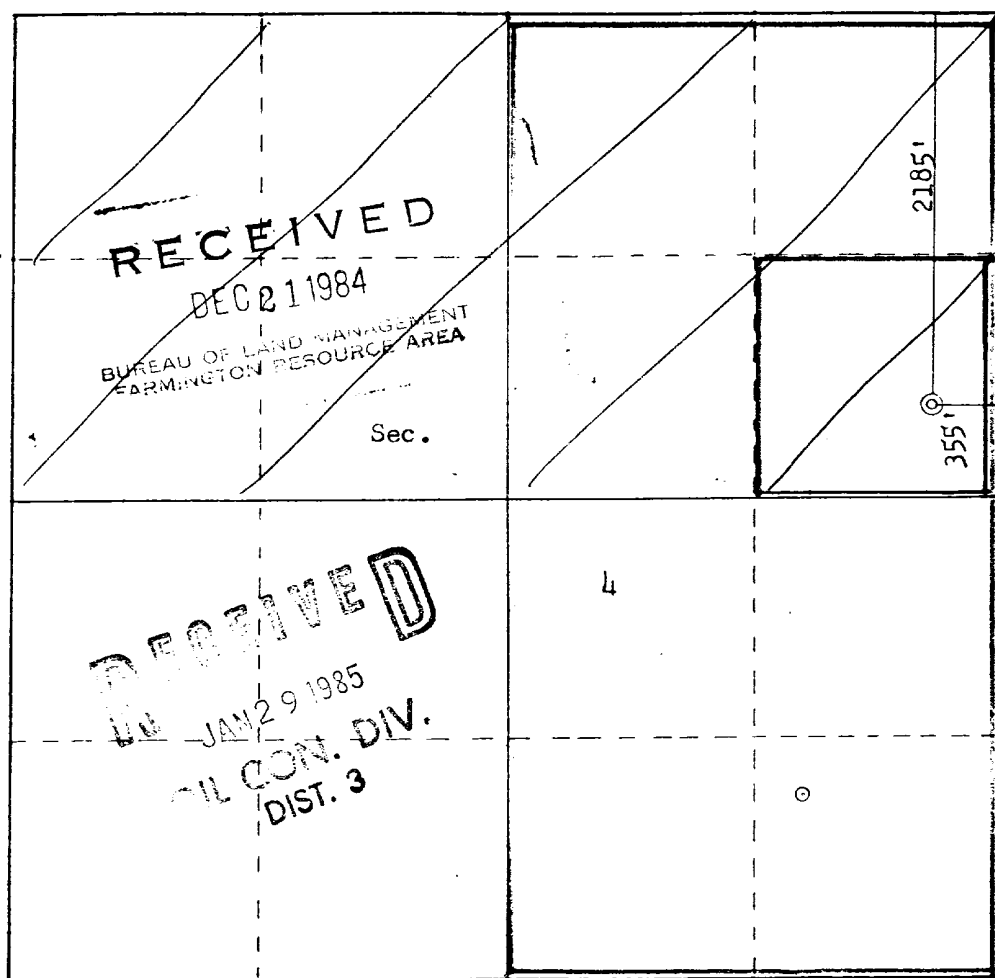
Operator AMOCO PRODUCTION COMPANY			Lease GALLEGOS CANYON UNIT		Well No. 178E
Unit Letter H	Section 4	Township 27N	Range 12W	County San Juan	
Actual Footage Location of Well: 2185 feet from the North line and 355 feet from the East line					
Ground Level Elev. 5307	Producing Formation Dakota & Gallup		Pool Basin Dakota & Wildcat Gallup		Dedicated Acreage: 320.48 Acres 320/40

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitized

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 interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

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

Original Signed By

Name **B. D. Shaw**
B. D. Shaw

Position
Administrative Supervisor

Company
Amoco Production Company

Date
12/12/84

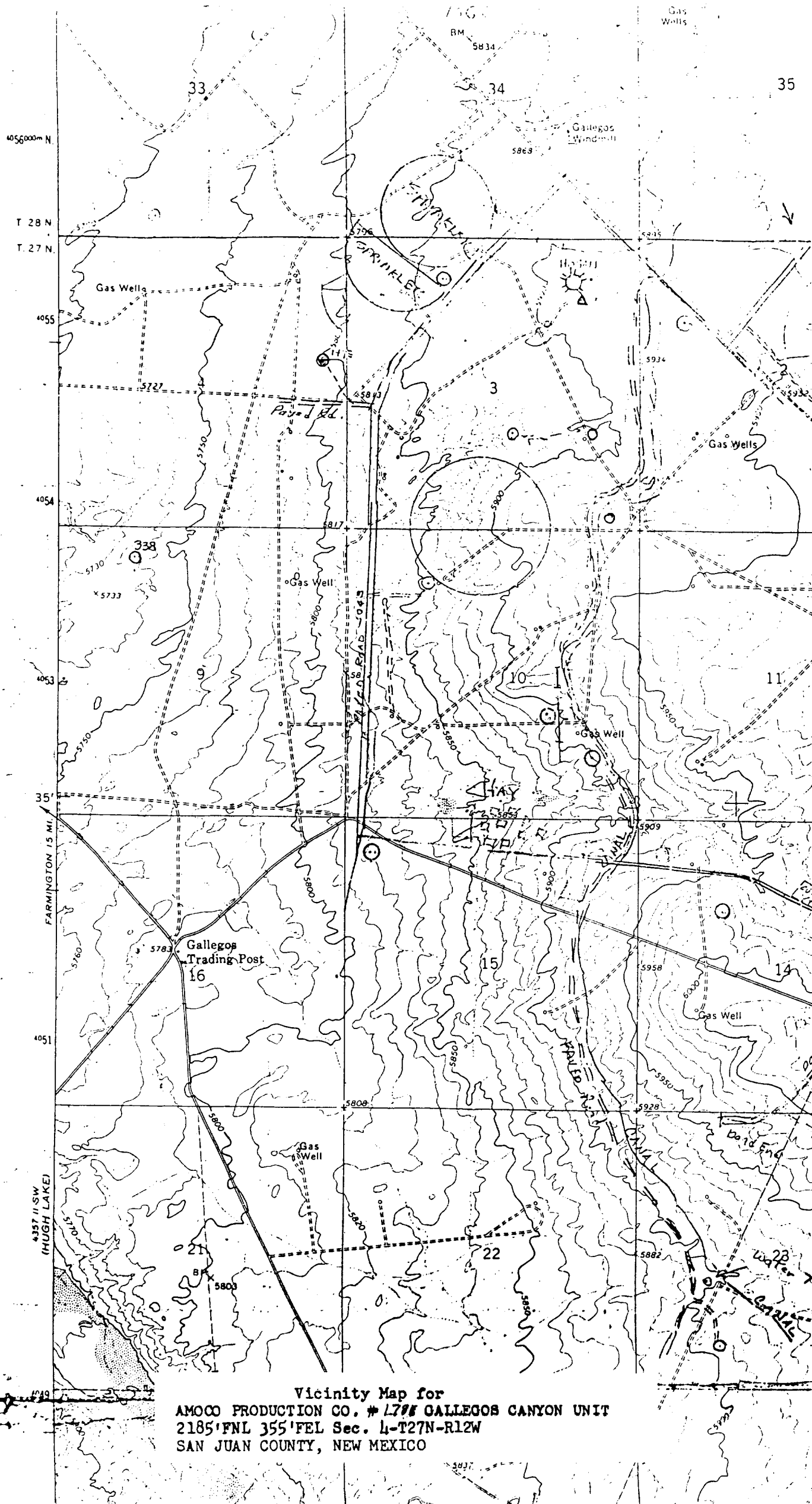
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 26, 1984

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **3950**





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

January 21, 1985

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Amoco Production Co.
Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401

Attention: W. J. Holcomb

Administrative Order NSL-1969

Gentlemen:

Reference is made to your application for a non-standard location for your Gallegos Canyon Unit Well No. 178E to be located 2185 feet from the North line and 355 feet from the East line of Section 4, Township 27 North, Range 12 West, NMPM, Basin-Dakota and Wildcat Gallup, San Juan County, New Mexico. The E/2 of Section 4 shall be dedicated to the Basin Dakota Pool and the SE/4 NE/4 of Section 4 shall be dedicated to the Wildcat Gallup Pool.

By authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,

R. L. STAMETS, DIRECTOR

RLS/DC/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
Bureau of Land Management - Farmington

RECEIVED
JAN 24 1985
OIL CON. DIV.
DIST. 3



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 1-16-85

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL x _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 12-21-84
for the Amoco Gallegos Canyon Unit #18E H-4-27N-12W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Erin Bush

December 19, 1984

Mr. Gilbert Quintana
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

File: DDL-1297-400.1

Application for Unorthodox Location
Gallegos Canyon Unit No. 178E
Basin Dakota & Wildcat Gallup Fields
San Juan County, New Mexico

Amoco Production Company hereby requests approval of an unorthodox well location for the Gallegos Canyon Unit No. 178E. The proposed location is 2185' FNL x 355' FEL of Section 4, T27N, R12W, San Juan County, New Mexico.

This well was restaked in the unorthodox location indicated above in order to avoid a center pivot sprinkler system.

A copy of this application is being sent by certified mail to the offset lease holders, National Drilling Company, Getty Oil Company, and Depco, Inc., with the request that they furnish you a waiver of objection and return one copy of the same to me.

Sincerely,

Original Signed
W. J. Holcomb
by DDL

KRJ/ct

Attachments

✓ cc: Mr. Ernie Bush
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

AM13

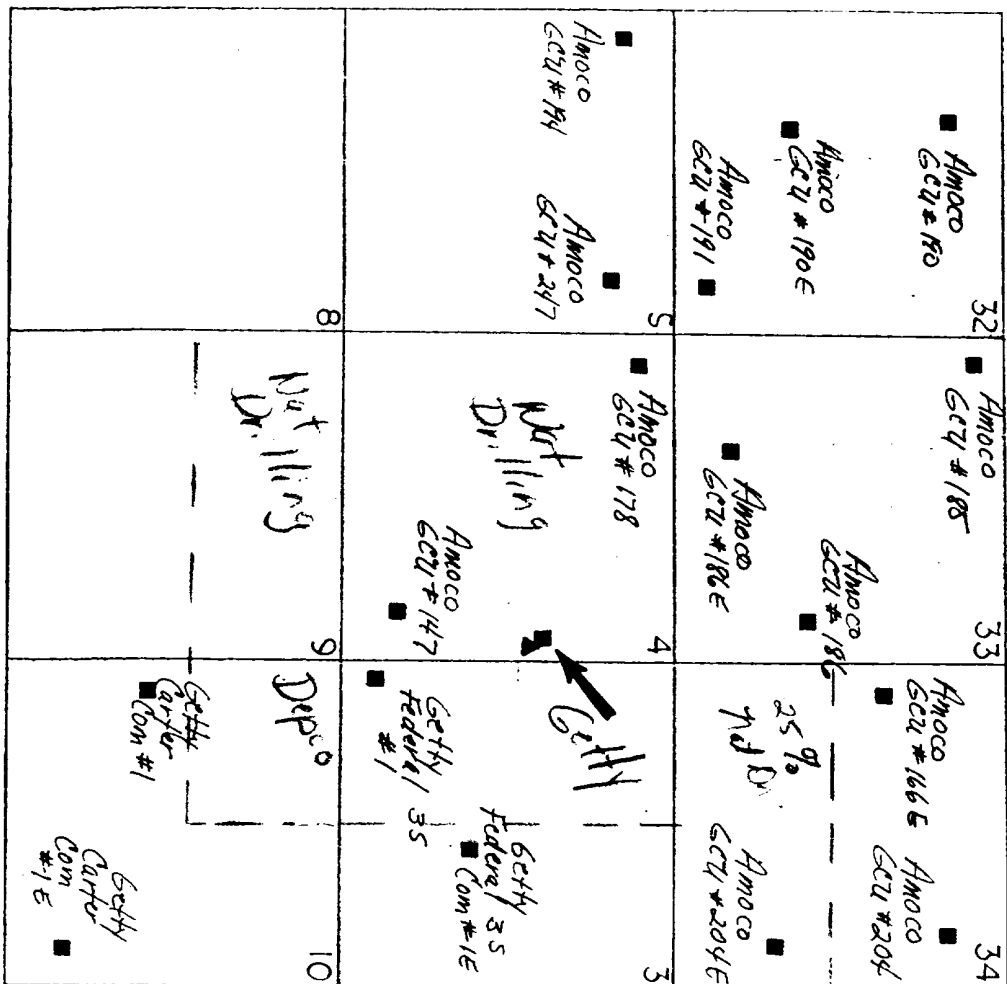
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DEC 21 1984
OIL CON. DIV.
DIST. 3

SECRET

[illegible]

G. C. U. #178E

R2W



T 28 N
T 27 N

All distances must be from the outer boundaries of the Section.

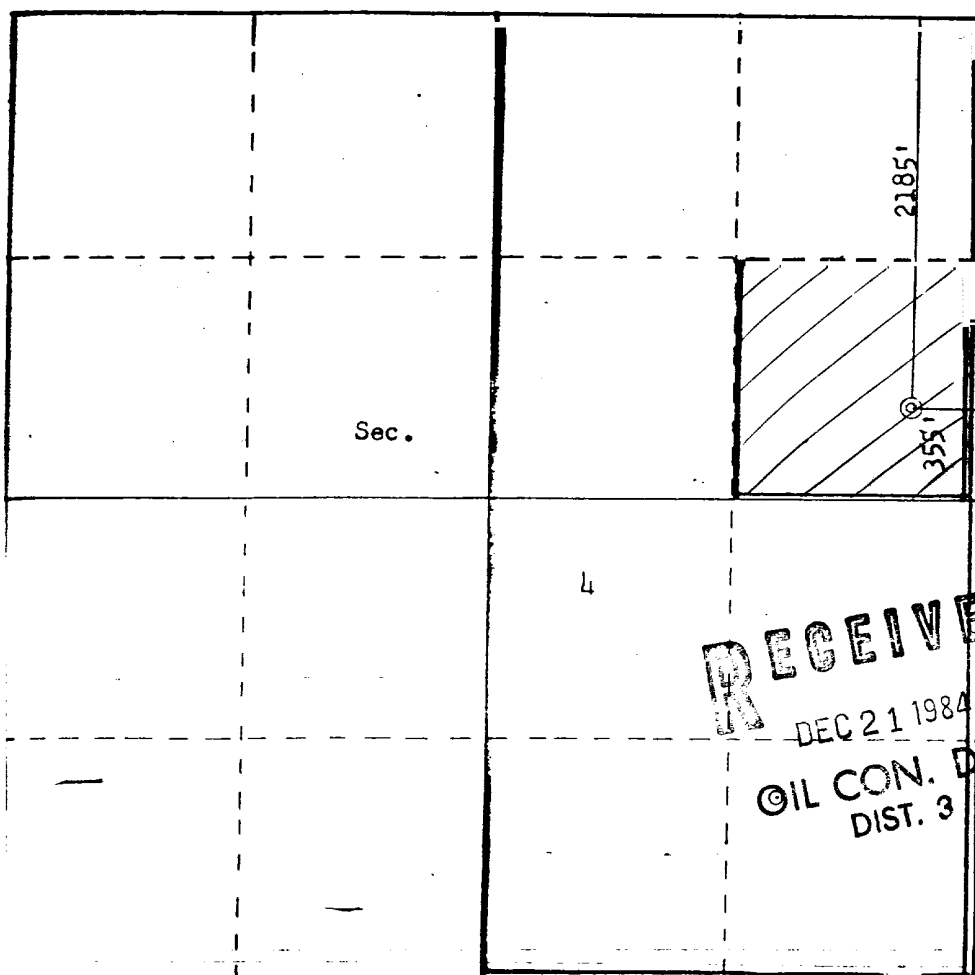
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B.D. Shaw

Position
Administrative Supervisor

Company
Amoco Production Company

Date
12/12/84

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Date Surveyed
November 26, 1984

Registered Professional Engineer and Land Surveyor
Fred B. Kerr, Jr.

Certificate No. **3950**

