

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 3249, Englewood, CO 80155

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

At surface

1950' FNL, 1990' FEL RECEIVED

At proposed prod. zone

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

21 miles SE of Blanco, NM

BUREAU OF LAND MANAGEMENT,
FARMINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1950'

16. NO. OF ACRES IN LEASE

2552.22

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

± 6680'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, DRILLING OPERATIONS AUTHORIZED ARE

± 6090' GL SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

ASAP

23. "GENERAL REQUIREMENTS" DRILLING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 280.1

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36.0#	± 280'	Circ cmt to surface
8-3/4"	7"	23.0#	± 3430'	Circ cmt to surface 2-stg
6-1/4"	4-1/2"	10.50#	± 6680'	Circ cmt to liner top

See attachments.

The gas is dedicated.

FEB 15 1985
OIL CON. DIV.
DIST. 3

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.

SIGNED

Scott McKinney

TITLE Sr. Regulatory Analyst

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NSL 1973

ah7

APPROVED
AS AMENDED
JAN 24 1985
DATE
/s/ J. Stan McKee
AREA MANAGER
FARMINGTON RESOURCE AREA

NMOCC

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

Operator TENNECO OIL COMPANY			Lease BOLACK "B"		Well No. 4E
Unit Letter G	Section 30	Township 27N	Range 8W	County San Juan	
Actual Footage Location of Well: 1950 feet from the North line and 1990 feet from the East line					
Ground Level Elev: 6090	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 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 interests 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 interests, has been approved by the Commission.

Sec. 30

1950'

1990'

RECEIVED

BUREAU OF OIL AND MANAGEMENT

RECEIVED

FEB 15 1989

OIL CON. DIV.

DIST. 3

Scale: 1" = 1000'

CERTIFICATION

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

Scott McKinney

Name
Scott McKinney

Position
Sr. Regulatory Analyst

Company
Tenneco Oil Co.

Date
December 21, 1984

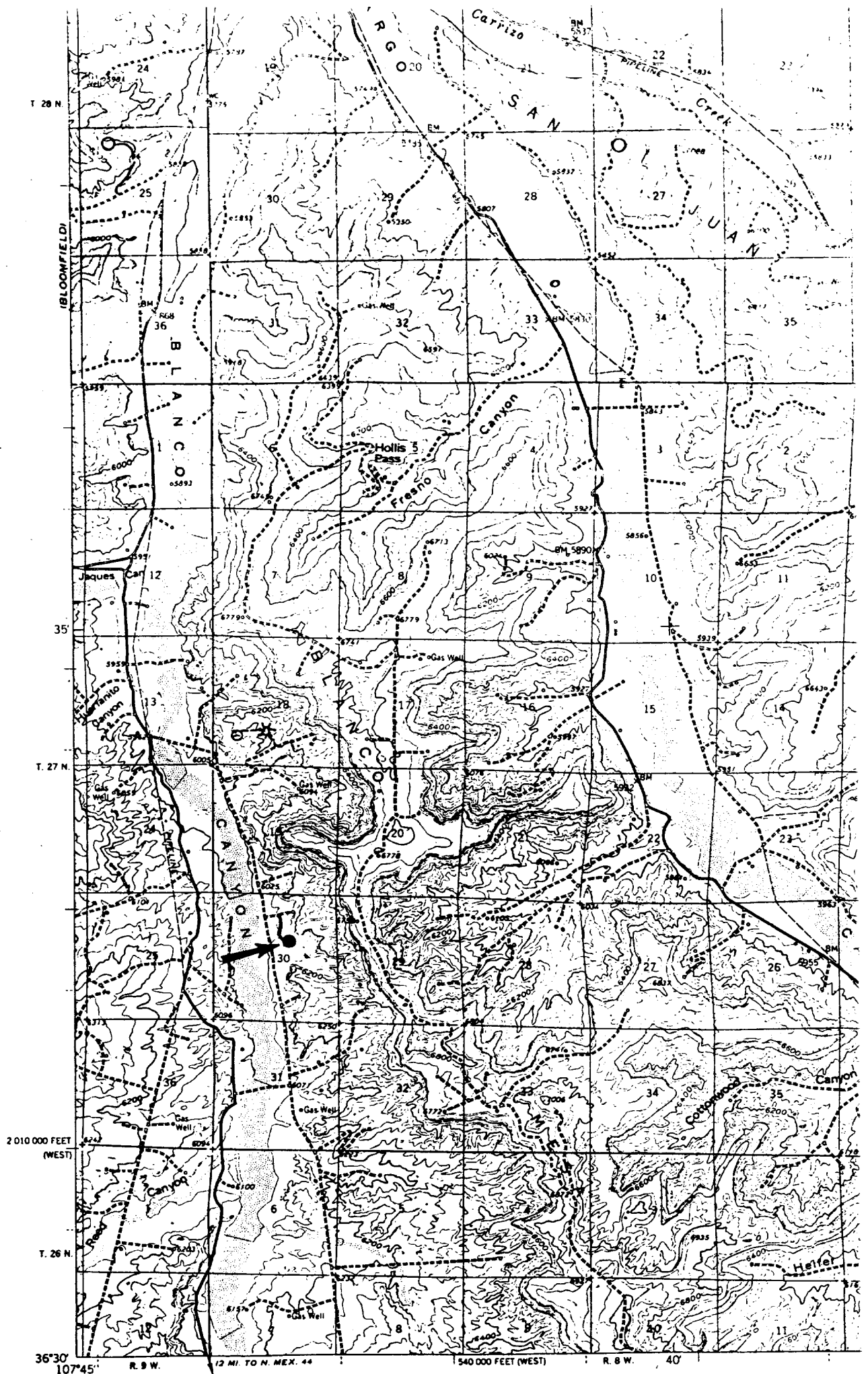
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 2, 1984

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. **3950**



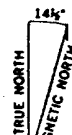
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1955. Field checked 1959

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system, west and central zones
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

MAP #1



Vicinity Map for
TENNECO OIL COMPANY #4E BOLACK
1950°FNL 1990°FEL Sec. 30-T27N-R8W
SAN JUAN COUNTY, NEW MEXICO

± 300' New Access Rd

THIS
FOR SALE BY U.S. GEOLO
A FOLDER DESCR



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

January 21, 1985

TONY ANAYA
GOVERNOR

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

Tenneco Oil Exploration
and Production
P. O. Box 3249
Englewood, Colorado 80155

Attention: Scott McKinney


Administrative Order NSL-1973

Gentlemen:

Reference is made to your application for a non-standard location for your Bolack B Well No. 4E to be located 1950 feet from the North line and 1990 feet from the East line of Section 30, Township 27 North, Range 8 West, NMPM, Basin Dakota Pool, San Juan County, New Mexico. The E/2 of said Section 30 is to be dedicated to the well.

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
FEB 19 1985
OIL CON. DIV.
DIST. 3



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

January 21, 1985

TONEY ANAYA
GOVERNOR

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RECEIVED
MAR 21 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 1-3-84

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

Gentlemen:

I have examined the application dated 12-31-84
for the Tenneco Oil Co. Balack "B" #4E G-30-27N-8W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approved

Yours truly,

Tom Brails

Tenneco Oil
Exploration and Production
A Tenneco Company

6162 South Willow Drive
P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800



Western Rocky Mountain Division

December 26, 1984

CERTIFIED MAIL
Return Receipt Requested

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501
Attn: Joe E. Ramey

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410
Attn: Frank Chavez

Re: Bolack B 4E
Sec. 30, T27N, R8W
San Juan County, New Mexico

Gentlemen:

Attached in duplicate (to each office) are a well location plat (C-102) with an ownership plat for the above referenced well.

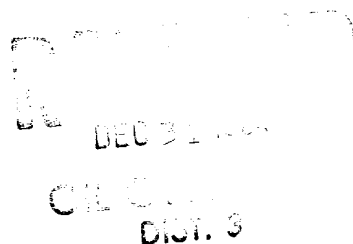
Due to steep topography to the north and east, this location does not meet state spacing requirements. This is the only geologic and topographic site acceptable.

Pursuant to the authority of Rule 104-F, we respectfully request your approval of an exemption to the standard well location requirements.

Yours very truly,

TENNECO OIL COMPANY


Scott McKinney
Sr. Regulatory Analyst



WAIVER

_____ hereby waives objection to Tenneco Oil
Company's application for unorthodox location for their Tenneco Bolack B 4E,
proposed above. .

BY: _____

DATE: _____

SMc:srp
Attachments

cc: Offset Operators:

El Paso Natural Gas
P. O. Box 4990
Farmington, NM 87401
Attn: Don Reed

Southern Union Exploration Co.
Box 2179
Farmington, NM 87499
Attn: Michael Davis

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-187
Revised 10-1-78

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

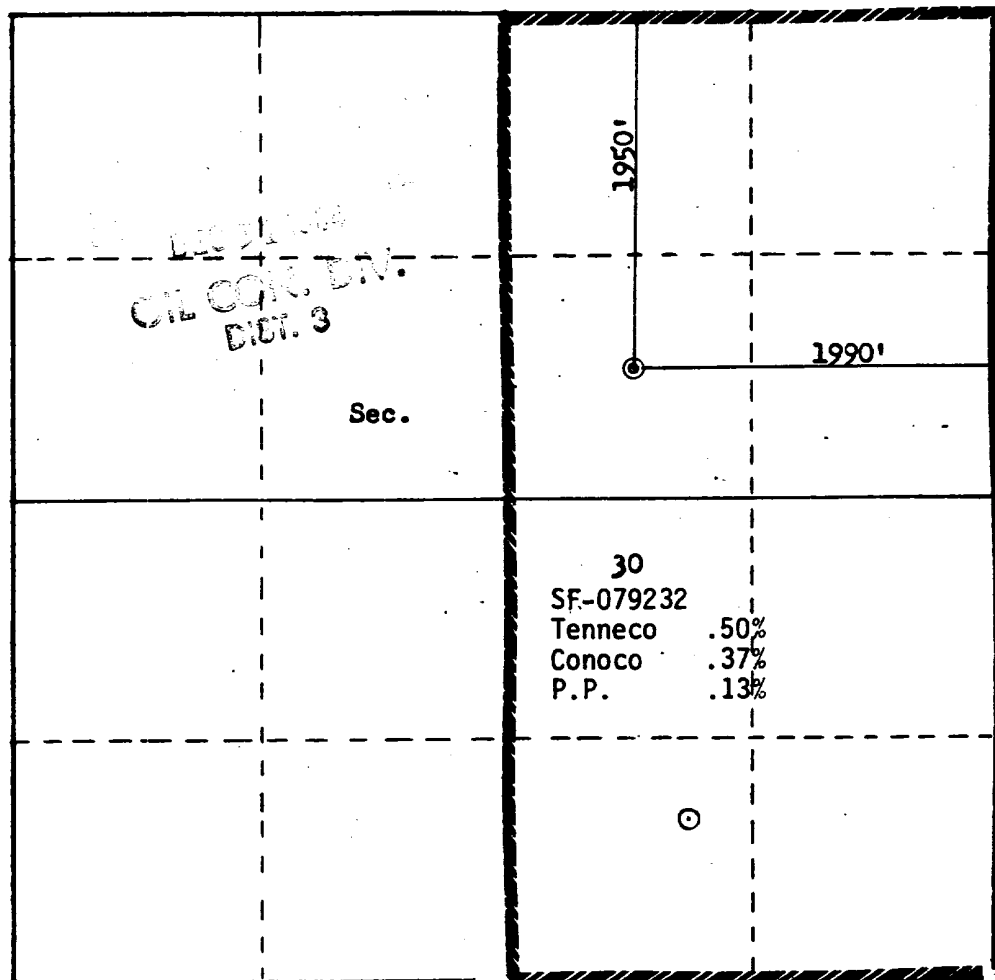
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Date
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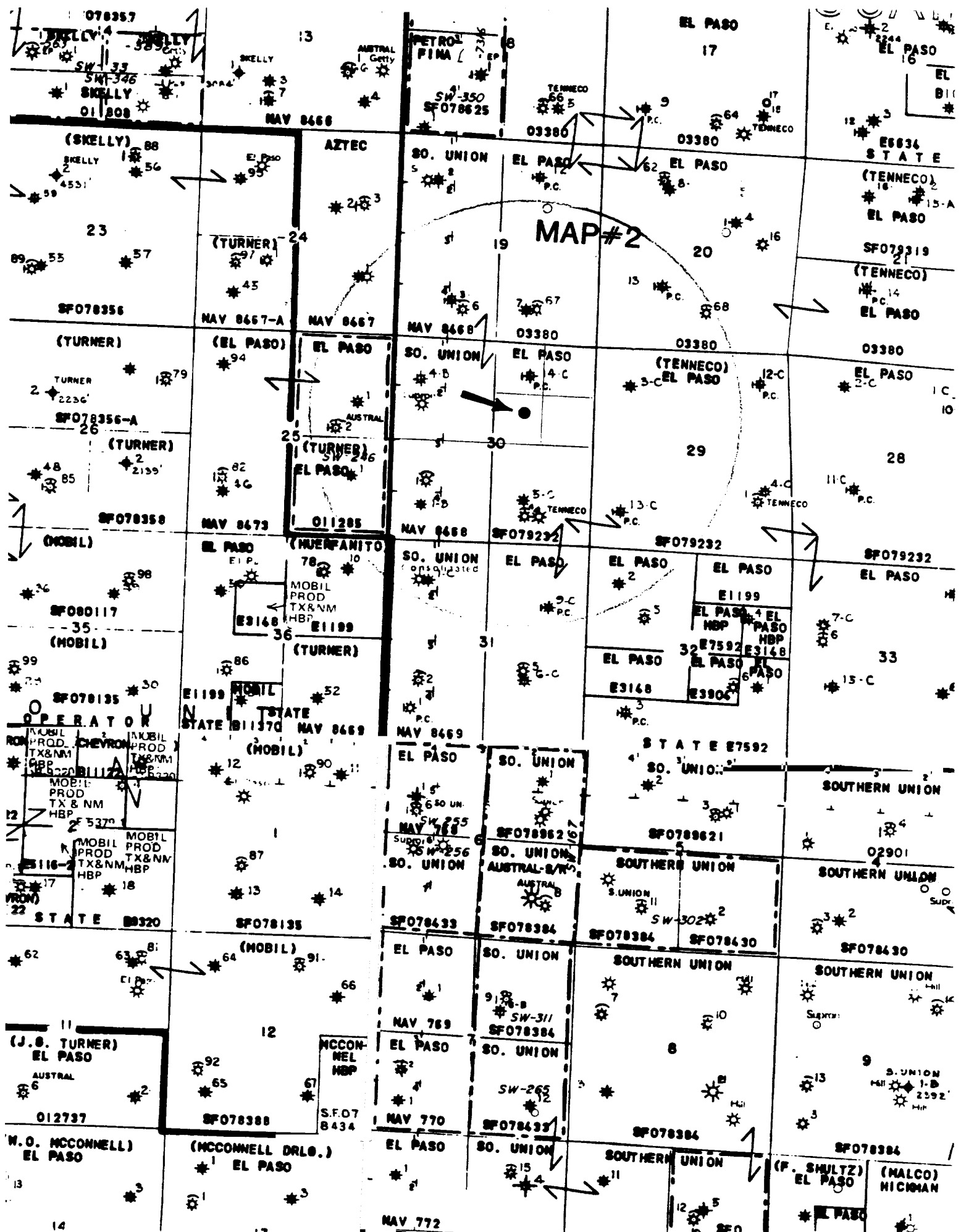
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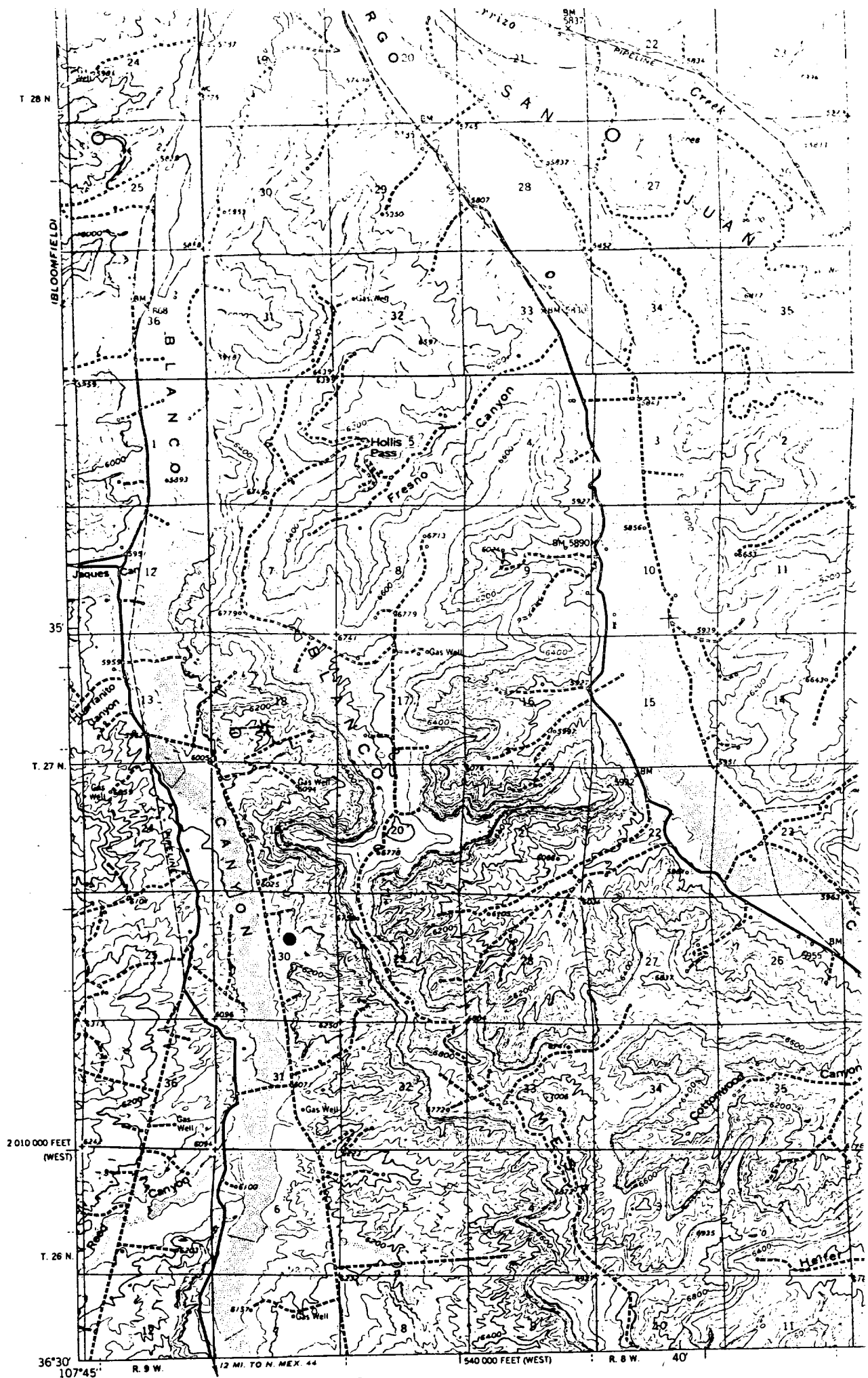
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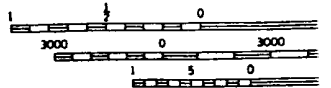
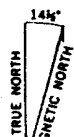


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