

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21370

5. LEASE DESIGNATION AND SERIAL NO.

NM0553884 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arroyo

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 25, T26N, R12W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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

Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203

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

At surface

1750' FSL and 1450' FEL

At proposed prod. zone

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

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

16. NO. OF ACRES IN LEASE 3

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

5925'

20. ROTARY OR CABLE TOOLS

Rotary

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

6170' GR.

22. APPROX. DATE WORK WILL START*

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	+ 600'	sufficient to circulate 1st. stage: T/C above Gallup 2nd. stage: T/C above Kirtland.
7-7/8"	5-1/2"	15.5#	+5925'	

Well to be drilled to approximate TD of 5925', log, and if commercial production is indicated run 5-1/2" casing to TD and cement in two stages as indicated. Perforate casing and treat formation as necessary to establish production. B. O. P. to be tested each 24 hours.

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.

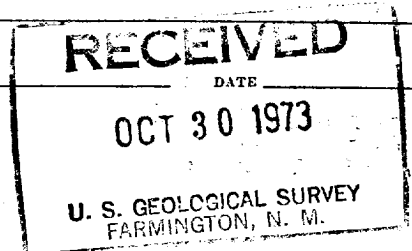
24. SIGNED Dennis W. Miller TITLE Production Clerk DATE Oct. 29, 1973

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY SM TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

RECEIVED
OCT 30 1973
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

All distances must be from the outer boundaries of the Section

Operator TENNECO OIL COMPANY		Lease ARROYO		
Unit Letter J	Section 25	Township 26 NORTH	Range 12 WEST	County SAN JUAN
Actual Footage Location of Well: 1750 feet from the SOUTH line and 1450 feet from the EAST line				
Ground Level Elev. 6170	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320	Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (bearing to marking interest and royalty).
- 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 _____

RECEIVED
NOV 1 1973
OIL CON. COM.
DIST 3

If answer is "no," list the owners and tract descriptions which have actually 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.

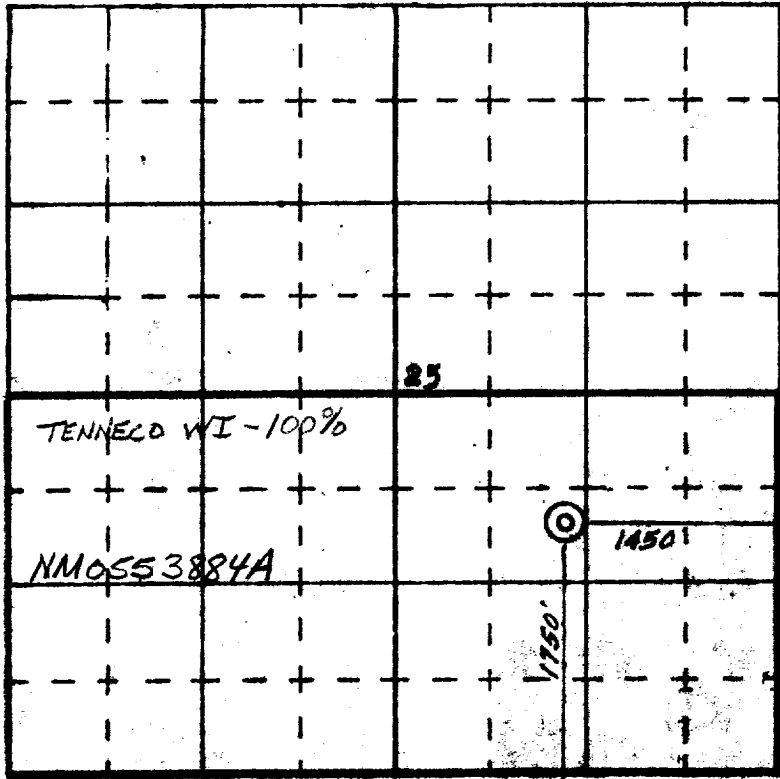
CERTIFICATION

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

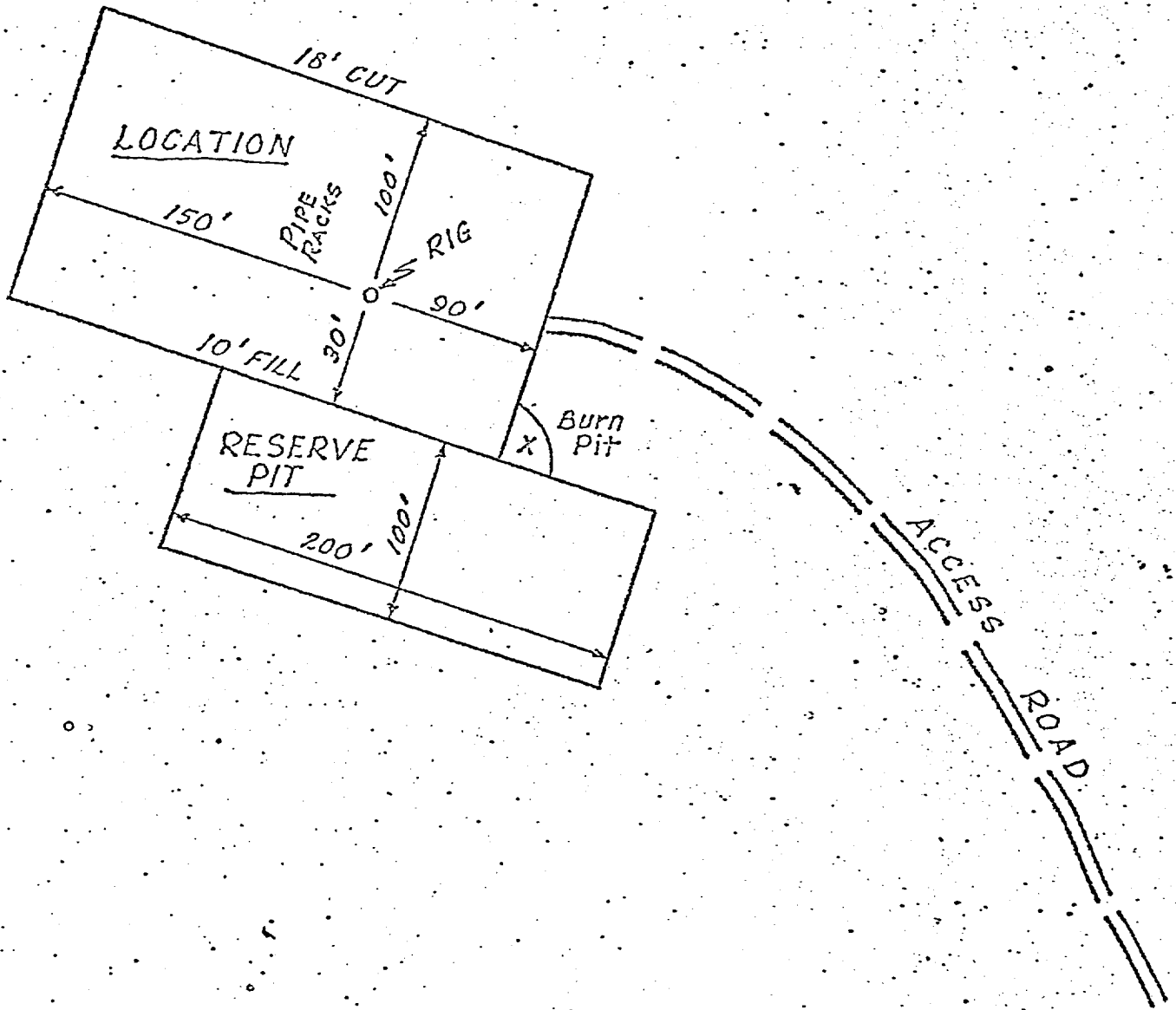
Dennis W. Miller
Name
Dennis W. Miller
Position
Production Clerk
Company
Tenneco Oil Company
Date
October 29, 1973

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.

23 Oct
Date Surveyed
[Signature]
Registered Professional
and/or Land Surveyor
Certificate No. _____



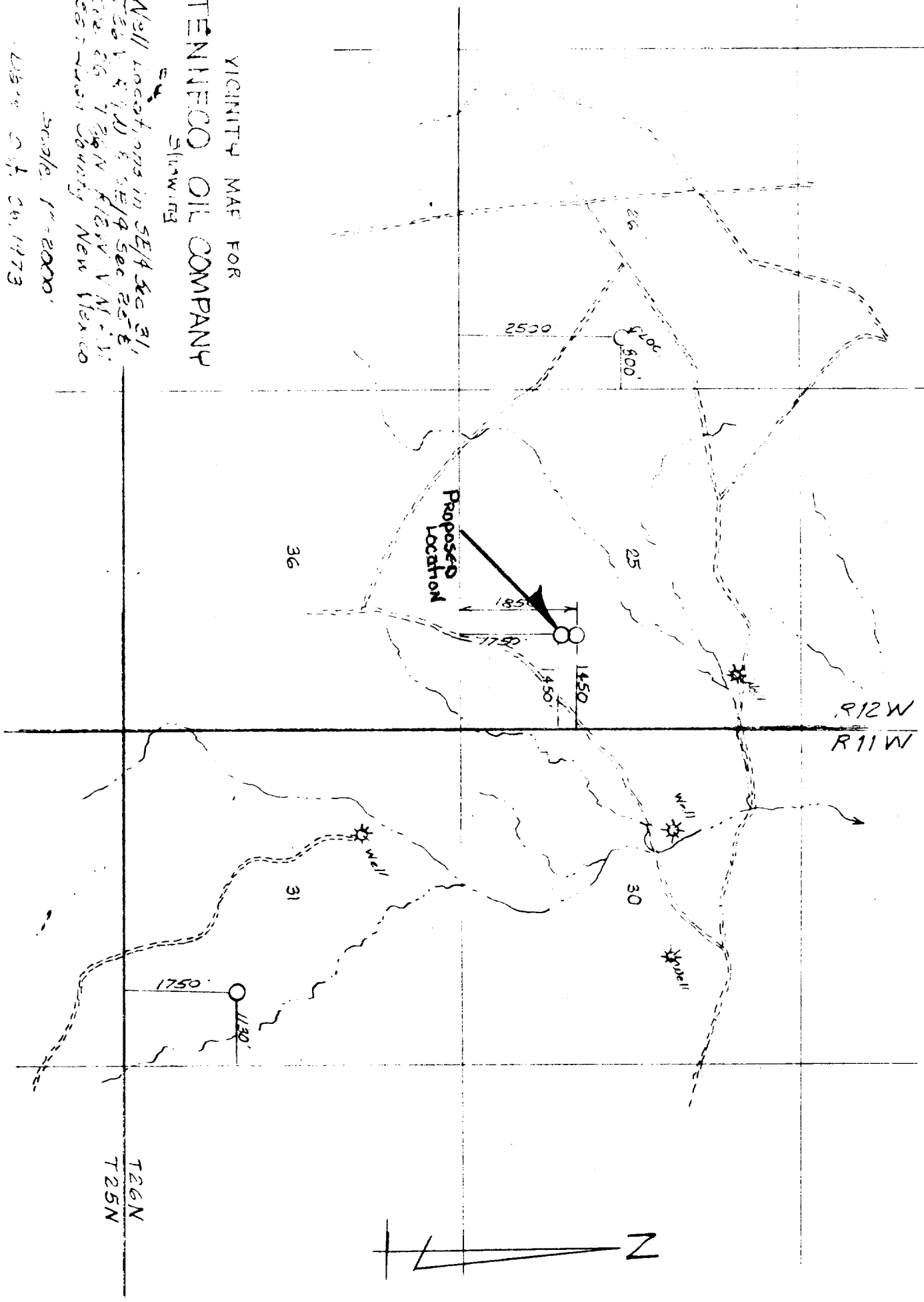
SCALE—4 INCHES EQUALS 1 MILE



VICINITY MAP FOR
TENNECO OIL COMPANY
 Showing

Well locations in SE/4 Sec 31,
 1/2 Sec 25 & SE/4 Sec 25 E,
 1/2 Sec 26 T26N R12W V.M. 11
 East Nelson County New Mexico

Scale 1" = 2000'
 USGS Oct. 20, 1973



Soil-Water Engineering Company

Edlington, New Mexico