

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20408

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-081208
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Gas/Water Inj. <input checked="" type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Bldg., Denver, Colorado 80203		8. FARM OR LEASE NAME Lower Hospah
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2290' FNL and 110' FWL At proposed prod. zone		9. WELL NO. 57
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT South Hospah Lower Sand
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	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T17N, R9W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH ± 1650'	12. COUNTY OR PARISH McKinley
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7084 GR	17. NO. OF ACRES ASSIGNED TO THIS WELL N/A (Injection Well)	13. STATE New Mexico
22. APPROX. DATE WORK WILL START* Upon Approval		20. ROTARY OR CABLE TOOLS Rotary

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#	100'	Sufficient to Circulate
7-7/8"	5-1/2"	15.5#	± 1650'	Sufficient to bring cement 900' from surface.

Drill 12 1/4" surface hole, run 8-5/8", 24#, K-55 casing and cement to surface. Drill out with 7-7/8" hole to approximate T. D. of 1650' KDB, log, and run 5 1/2", 15.5#, K-55 casing to T. D. and cement as required. Perforate casing and treat formation if necessary to establish injection service. B. O. P. to be tested each 24 hours.



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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

TITLE Sr. Production Clerk

DATE 4/22/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

See letter 5-2-74
PMX-56

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

Operator TENNECO OIL COMPANY			Lease HOSPAH		Well No. 57
Unit Letter E	Section 12	Township 17 NORTH	Range 9 WEST	County McKINLEY	
Actual Footage Location of Well: 2290 feet from the NORTH line and 110 feet from the WEST line					
Ground Level Elev. 7084	Producing Formation Lower Hospah		Pool South Hospah Lower Sand		Dedicated Acreage N/A (Injection Well)

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 _____

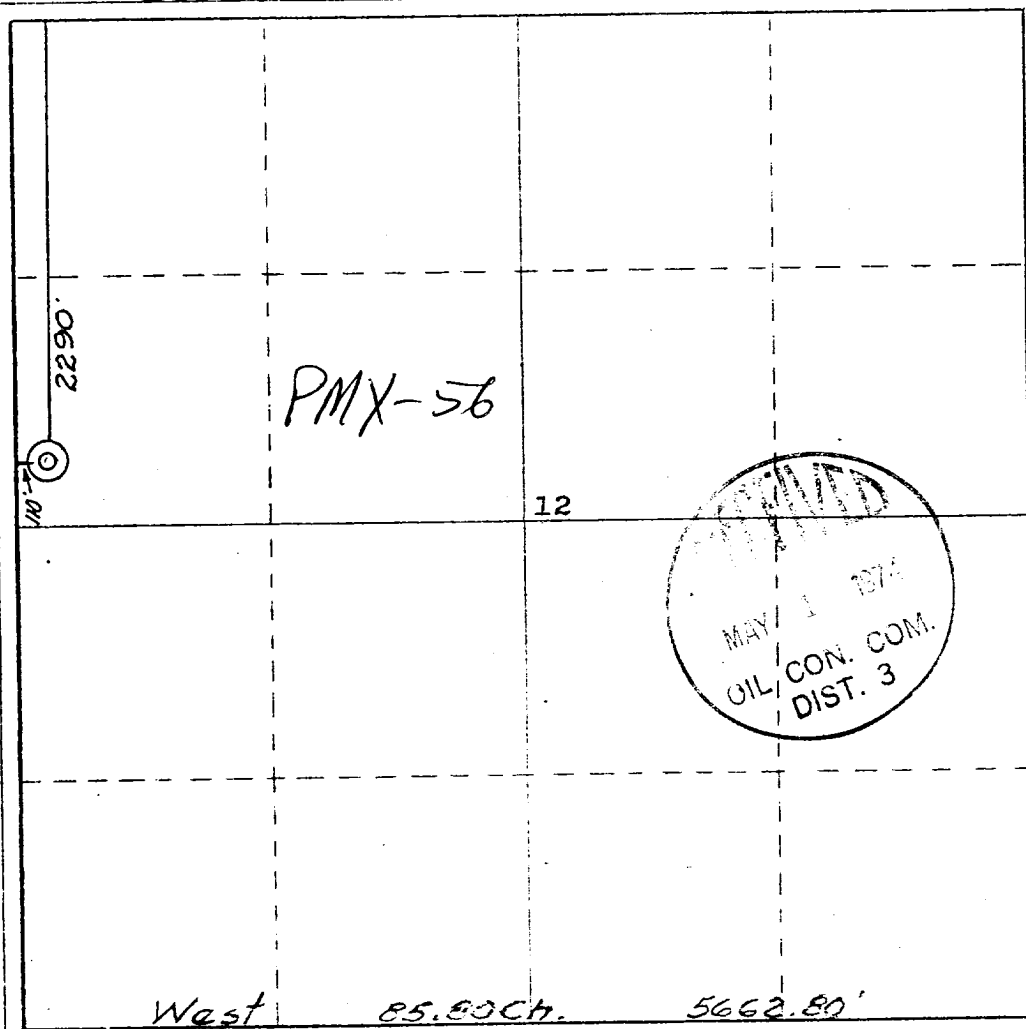
If answer is "no," list the owners and tract descriptions which have actually been consolidated on the _____ side of this form if necessary.)

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.

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CERTIFICATION

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

Name

Position

Sr. Production Clerk

Company

Tenneco Oil Company

Date

4/22/74

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

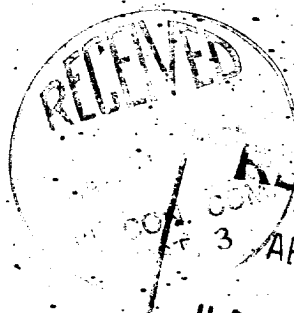
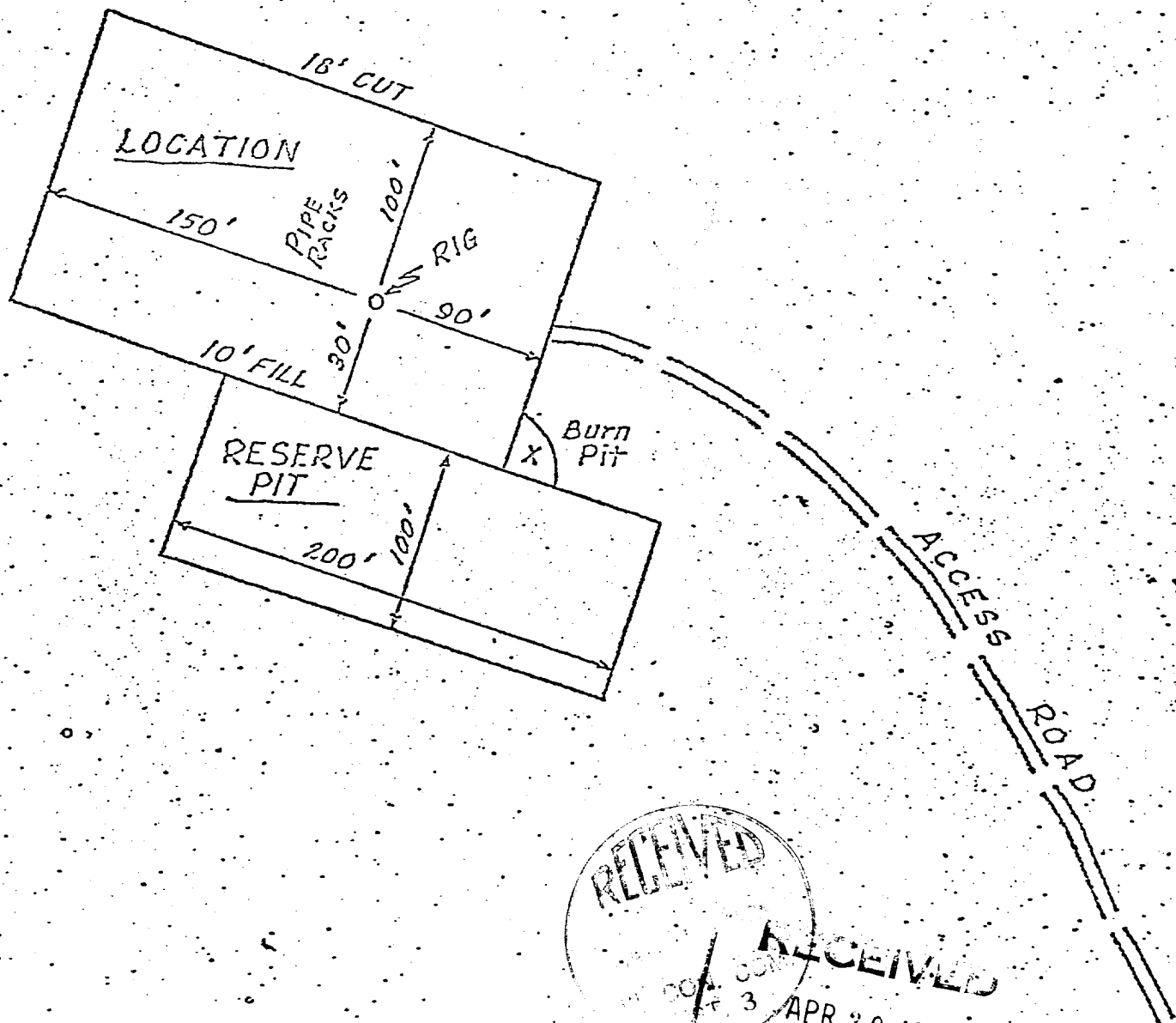
17 April 1974

Registered Professional Engineer
and/or Land Surveyor

James P. Leese

Certificate No.

1463



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LEGEND

- Location - Drilling, Testing, or TA
- Oil Well - Dakota "D" Zone
- Gas Well - Dakota "D" Zone
- Oil Well - Upper Hoshpah Zone
- Water Injection Well - Hoshpah Zone
- Oil Well - Lower Hoshpah Zone
- Dual Oil Well - Upper & Lower Hoshpah Zones
- Dual Oil Well - Lower Hoshpah Oil & Dakota Gas
- Oil Well - Dakota "A" Zone
- Gas Well - Dakota "A" Zone
- Oil Well - Dakota "B" Zone
- Dry Hole
- Injection Well - Lower Hoshpah Zone
- Proposed Location - Lower Hoshpah Zone

T 17 N

Tenneco

Whigham

Tenneco

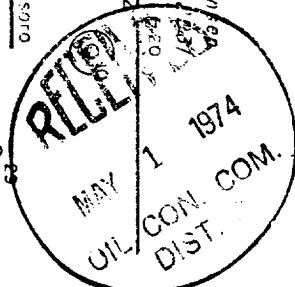
Tesoro

Tenneco

Hoshpah "A"

US NM 8270

R 9 W



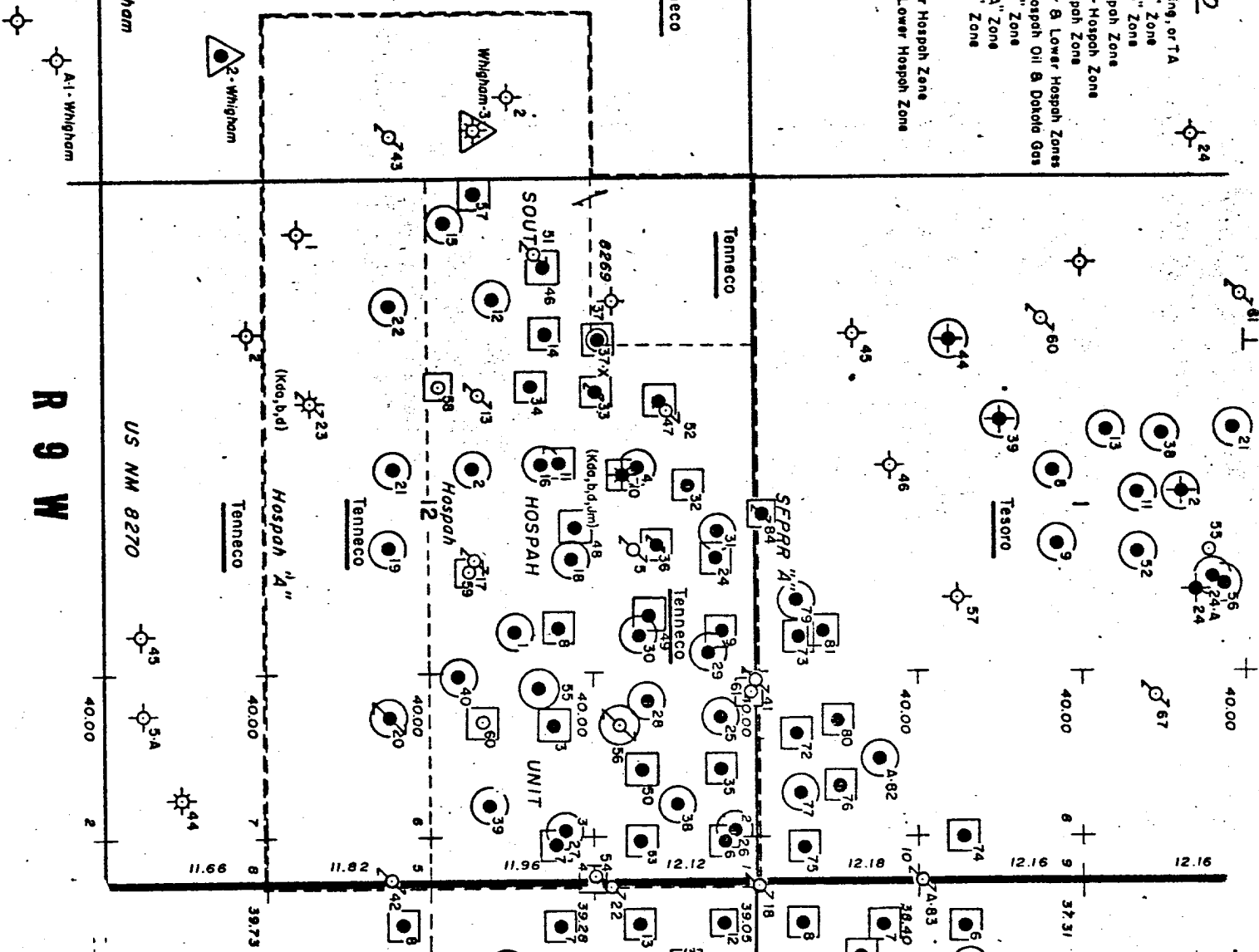
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WASHINGTON, D. C.

TENNECO OIL COMPANY
 SUBSIDIARY OF TENNECO INC.
 SOUTH HOSPAH AREA
 MC KINLEY COUNTY, NEW MEXICO

SCALE IN FEET
 0 500 1000 2000
 DENVER, COLORADO



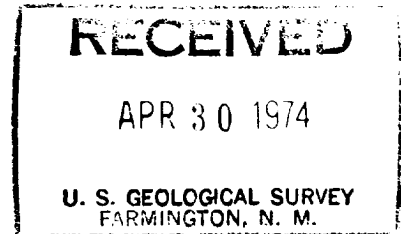
Tenneco Oil
A Tenneco Company

Suite 1200
Lincoln Tower Building
Denver, Colorado 80203
(303) 292-9920



April 22, 1974

U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401



Re: Application for Permit to Drill
Gas/Water Injection Well
Lower Hospah Well No. 57
NW/4 Sec. 12, T 17N, R 9W,
Mc Kinley County, New Mexico

Gentlemen:

Attached are eight copies each of the Notice of Intention to Drill, Well Location and Acreage Dedication Plat and Vicinity Map relative to the above captioned well. The Vicinity Map does not show existing roads, pipelines or flow lines, however, roads and flow lines are interlaced throughout this South Hospah Area which already has 54 wells located in this section to date.

The water we will use for drilling will come from our injection facilities on the lease. Waste disposal will be buried in the burn pit or reserve pit. There will be no camp or airstrip associated with the drilling of the well. Upon completion or abandonment of this well, the location will be cleaned and levelled and a dry hole marker placed, if applicable.

Very truly yours,

TENNECO OIL COMPANY

A handwritten signature in cursive script that reads "D. D. Myers".

D. D. Myers
Assistant Division
Production Manager

PLR/ka

Attachments:

