

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Tenneco Oil Company

4. ADDRESS OF OPERATOR

Suite 1200 Lincoln Tower Building, Denver, Colo. 80203

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

At surface

950 FNL & 1980 FEL (NW/4 NE/4)

At proposed prod. zone

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

7. DISTANCE FROM PROPOSED*

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

8. DISTANCE FROM PROPOSED LOCATION*

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

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

6994 GR

10. NO. OF ACRES IN LEASE

344

11. PROPOSED DEPTH

1593

12. NO. OF ACRES ASSIGNED
TO THIS WELL

40

13. ROTARY OR CABLE TOOLS

Rotary

14. APPROX. DATE WORK WILL START*

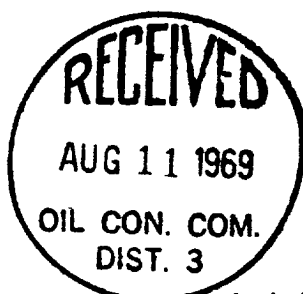
Upon Approval

15.

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#	60	Sufficient to circulate
7-7/8	5-1/2	15.5#	1593	Sufficient to fill 500' above pay zone

Above well will be a 1593' South Hospah Upper Sand development well. If production is indicated, casing will be set at total depth, well will be perforated and treated as necessary to establish commercial production.



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AUG 11 1969

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

Larry M. Rigg

TITLE

District Office Supervisor

DATE

8-6-69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

SM

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

All distances must be from the outer boundaries of the Section

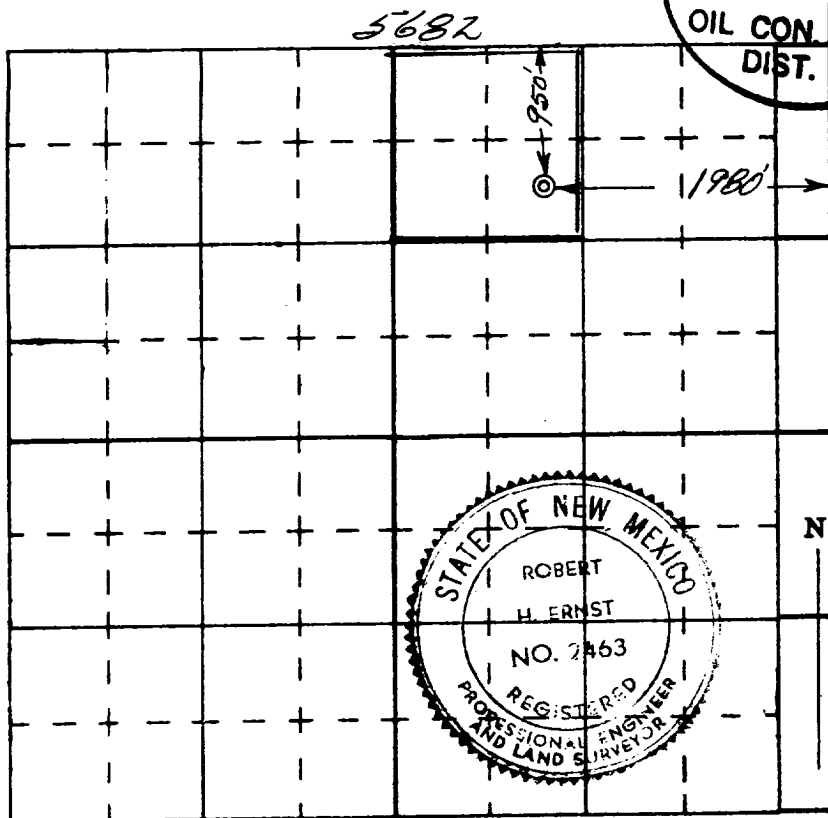
Operator TENNECO OIL COMPANY			Lease SOUTH HOSPAPH UNIT		Well No. 30
Unit Letter B	Section 12	Township 17 North	Range 9 West	County McKinley	
Actual Footage Location of Well: 950 feet from the North line and 1980 feet from the East line					
Ground Level Elev 6994' ungraded		Producing Formation Hospah Upper Sand		Pool Hospah, South (Upper Sand)	Dedicated Acreage: 40 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 (both as to working 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

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 interest 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.

Name Larry M. Riggs
 Position District Office Supervisor
 Company Tenneco Oil Company
 Date 8-6-69

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 31 July 1969
Robert H. Ernst
 Registered Professional Engineer
 and/or Land Surveyor
Robert H. Ernst
New Mexico PE & LS 2463

Certificate No. _____

Ernst Engineering Co.
Durango, Colorado