

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-20152

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. KIND OF WORK  
 a. 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  
 2180' F/NL & 660' F/EL  
 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  
 334  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 10  
 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
 1650  
 20. ROTARY OR CABLE TOOLS  
 Rotary  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6986 GR  
 22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
 NM - 8269  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Hospah  
 9. WELL NO.  
 39  
 10. FIELD AND POOL, OR WILDCAT  
 Hospah South (Upper Sand)  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 12, T-17-N, R-9-W  
 12. COUNTY OR PARISH  
 McKinley  
 13. STATE  
 New Mexico

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	60	Circulate to surface
7-7/8	5-1/2	15.5	1650	Suff. to fill 500' above upper sand

Above well will be a 1650' Hospah South (Upper Sand) development well. Well will be drilled to T.D., logged, set casing at T.D., perforate and treat as necessary to establish commercial production.



APR 27 1970

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 [Signature] TITLE Sr. Production Clerk DATE 4/24/70

(This space for Federal or State office use)

PERMIT NO. [Signature] APPROVAL DATE 5-4-70  
 APPROVED BY [Signature] TITLE Sup Dist III  
 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 <b>TENECO OIL COMPANY</b>			Lease <b>HOSPAN</b>		Well No <b>39</b>
Unit Letter <b>H</b>	Section <b>12</b>	Township <b>17 North</b>	Range <b>9 West</b>	County <b>McKinley</b>	
Actual Footage Location of Well:					
<b>2180</b>	feet from the	<b>North</b>	line and	<b>660</b>	feet from the <b>East</b> line
Ground Level Elev. <b>6986' ungraded</b>		Producing Formation <b>Hospah (Upper Sand)</b>		Pool <b>Hospah South Upper Sand</b>	
					Dedicated Acreage <b>10.52</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. *NW 1/4 - 521*
  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 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, or other such interests, has been approved by the Commission.

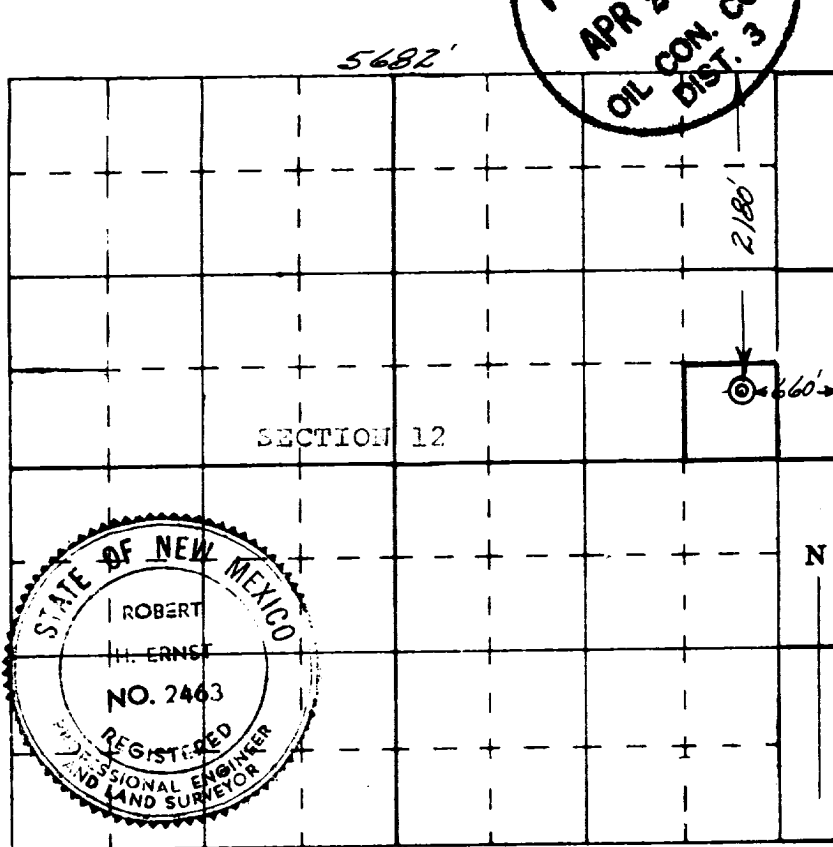
**CERTIFICATION**

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

Name *G. A. Ford*  
**G. A. Ford**  
 Position **SR. Production Clerk**  
 Company **Teneco Oil Company**  
 Date **4/24/70**

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.

**17 April 1970**  
 Date Surveyed  
*Robert H. Ernst*  
 Registered Professional Engineer  
 and/or Land Surveyor  
**Robert H. Ernst**  
**New Mexico PE&LS 2463**  
 Certificate No. ....



**ERNST ENGINEERING COMPANY  
DURANGO, COLORADO**