

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-831-20095

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. N M - 081208
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection <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 South Hospah Unit
3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Building, Denver, Colorado		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 933' FNL & 1485' FEL At proposed prod. zone		9. WELL NO. 28
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Hospah, South (Upper Sand)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T-17-N, R-9-W
16. NO. OF ACRES IN LEASE 344		12. COUNTY OR PARISH McKinley
17. NO. OF ACRES ASSIGNED TO THIS WELL 52		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1660		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6975 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
9-7/8"	7-5/8"	26#	60'	Sufficient to circulate
6-3/4"	4-1/2"	10.5#	1660'	Sufficient to circulate

Above well will be a 1660' South Hospah (Upper Sand) water injection well. Casing will be set at total depth, well will be perforated and treated as necessary to establish water injection into the formation.



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. Rupp TITLE District Office Supervisor DATE January 7, 1969
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ 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 TENNACO OIL COMPANY Lease HOSPDAH UNIT Well No. 28
County McKinley
Section 12 Range 17 North Township 9 West
Acres 332 North 1485 feet from the East line
Defining Average
Ungraded Hospah Upper Sand Hospah, South (Upper SAND) 52 Acres

Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below

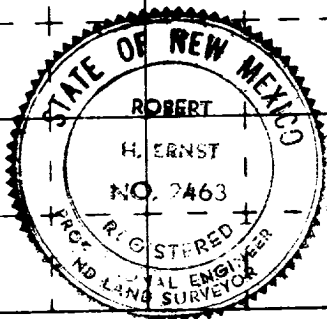
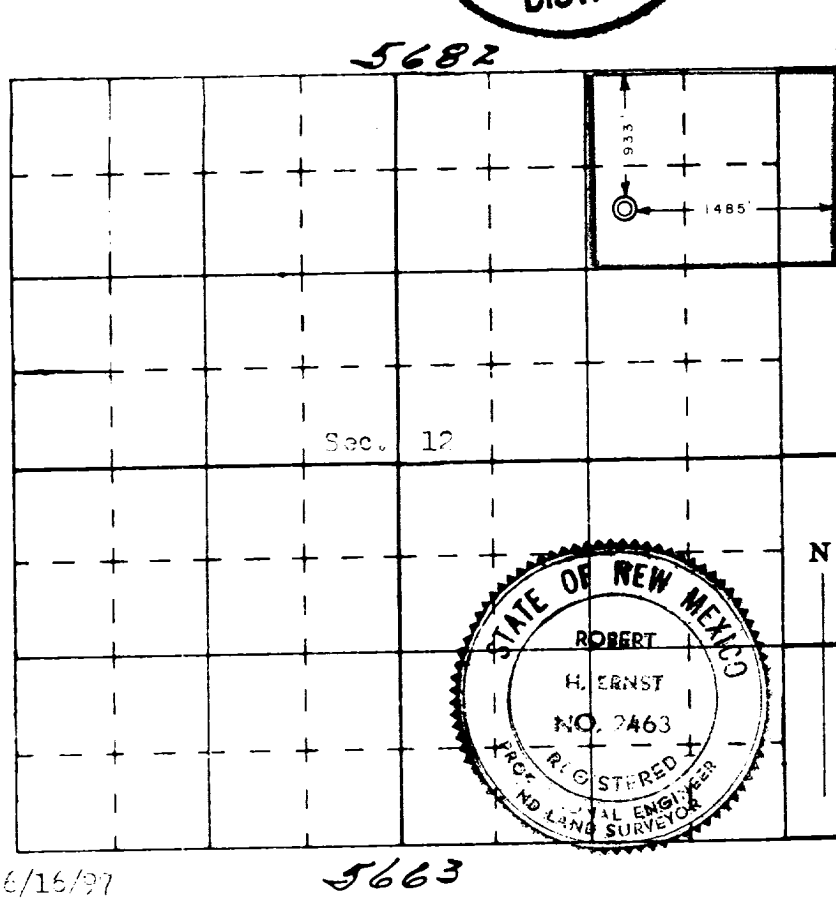
1. If more than one lease is dedicated to the well, outline each and identify the ownership thereof, both as to working interest and royalty.

2. 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?

3. If more than one owner is listed, type of consolidation

4. If owner is sufficient, the owners and tract section on which have actually consolidated. (Use reverse side of this form if necessary)

No allowable well be assigned to the well unless the interests have been consolidated by communitization, unitization, force-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.

Name Larry M. Riggs

Position District Office Supervisor

Company Tenneco Oil Company

Date January 7, 1969

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 20 December 1968

Robert H. Ernst
Registered Professional Engineer
and/or Land Surveyor

Robert H. Ernst
N. Mex. PE & LS 2563

Certificate No. _____

6/16/97

Ernst Engineering Co.
Durango, Colorado