

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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. 05519 - 17
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, A LOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Ernest A. Hanson		7. UNIT AGREEMENT NAME Mescalero Ridge
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico		8. FARM OR LEASE NAME "26"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FSL & FWL At proposed prod. zone Sec. 26, T-19-S, R-34-E, N.M.P.M. Lea County, New Mexico		9. WELL NO. 7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles West of Hobbs, New Mexico		10. FIELD AND POOL, OR WILDCAT Pearl Queen
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26 - 19S - 34E
16. NO. OF ACRES IN LEASE 240		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N. Mex.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2310'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		22. APPROX. DATE WORK WILL START* Nov. 10, 1967

## 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#	200'	Circulate to surface
7-7/8"	5-1/2"	15-1/2"	5200'	250 sx.

It is proposed that the captioned well be drilled with rotary to a total depth of 5200 feet in the Queen Formation and that if commercial oil or gas is encountered that the proposed casing program be followed and that the well be perforated and fractured with lease oil.

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 Harry F. Schumacher TITLE Explor. Manager DATE Oct. 20, 1967  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 10-1, 1-64  
Superseded 1-1-64  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

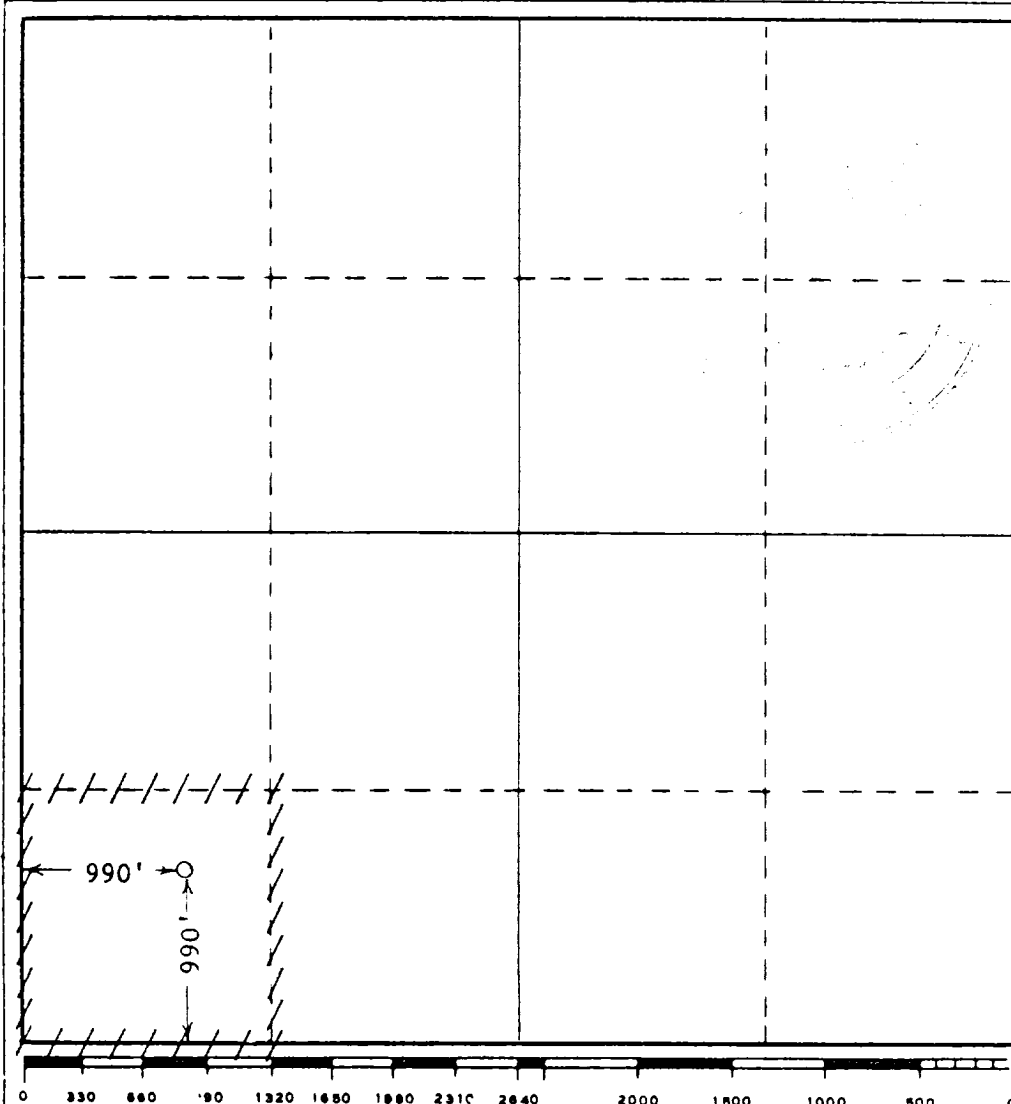
Operator <b>ERNEST A. HANSON</b>			Lease <b>MISCALERO RIDGE UNIT 26</b>		Well No. <b>7</b>
Unit Letter <b>M</b>	Section <b>26</b>	Township <b>19 SOUTH</b>	Range <b>34 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>SOUTH</b> line and <b>990</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3727.7</b>	Producing Formation <b>Queen Formation</b>		Pool <b>Pearl Queen</b>	Dedicated Acreage <b>40</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 (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.

Name *Ernest A. Hanson*  
Position \_\_\_\_\_

Exploration Manager

Company  
**Ernest A. Hanson**

Date  
**October 23, 1967**

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  
**OCT. 19, 1967**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No. **676**