

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-125-24-171  
5. LEASE DESIGNATION AND SERIAL NO.  
**LC-067968**  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
9. WELL NO.  
**2**  
10. FIELD AND POOL, OR WILDCAT  
**Undesignated**  
11. SEC., T., R., E., or S. AND SURVEY OR AREA  
**Sec. 30, T24S, R38-E, N. M. P. M.**  
12. COUNTY OR PARISH  
**Lea**  
13. STATE  
**New Mexico**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

**HNG Oil Company**

3. ADDRESS OF OPERATOR

**P. O. Box 767, Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

**380' FSL & 990' FEL, Section 30, T24S, R38E**

At proposed prod. zone

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

**9 miles NE of Jal, New Mexico**

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

**380'**

16. NO. OF ACRES IN LEASE

**320**

17. NO. OF ACRES ASSIGNED TO THIS WELL

**40**

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

**None**

19. PROPOSED DEPTH

**10,400**

20. ROTARY OR CABLE TOOLS

**Rotary**

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

**3139' GR.**

22. APPROX. DATE WORK WILL START\*

**On Approval**

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8"	68#	550'	825 cubic feet
12 1/4"	9 5/8"	40#	3800'	2380 cubic feet
8 3/4"	7 5/8"	26.40#	9000'	625 cubic feet
6 3/4"	5 1/2"	15.50# & 17# & 20#	10400'	150 cubic feet

- 13 3/8" surface casing to be set at a minimum of 550 feet and cement circulated.
- 9 5/8" intermediate casing to be set at minimum of 3800 feet and cement circulated.
- Cement behind the 7 5/8" Casing should be sufficient to isolate all production zones including the Tubb, Drinkard, Abo, and Devonian.
- Cement behind the 5 1/2" casing should be sufficient to isolate all production zones including the Tubb, Drinkard, Abo, and Devonian.
- Blowout preventors to be installed and in working order before drilling the Queen 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

*[Signature]*

TITLE

**District Production Clerk**

DATE

**12/20/71**

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

☆ U.S. GOVERNMENT PRINTING OFFICE : 1963—O-711-396

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OIL CONSERVATION COMM.  
WASH., D. C.

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION FORM**

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

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

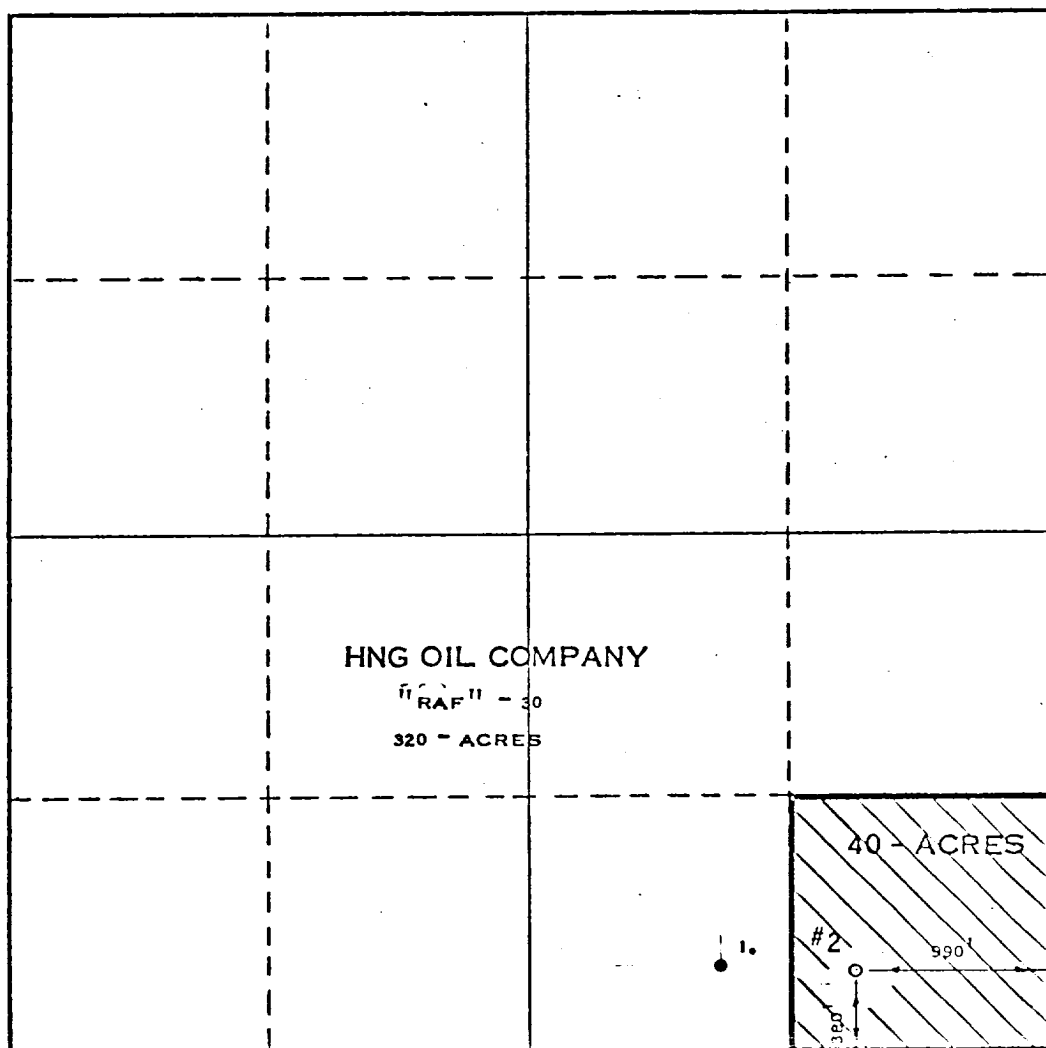
Operator <b>HNG OIL COMPANY</b>			Lease <b>"RAF" - 30</b>		Well No. <b>2</b>
Unit Letter <b>10</b>	Section <b>30</b>	Township <b>24 - S</b>	Range <b>38 - E</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>380</b> feet from the <b>SOUTH</b> line and <b>990</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3139</b>	Producing Formation <b>ELLENBURGER</b>		Pool <b>ELLENGURGER</b>		Dedicated Acreage: <b>40</b> Acres

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. (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.

*George R. McBride*

Name  
**George R. McBride**  
 Position  
**Admin. Ass't. to Dist. Supt**

Company  
**HNG Oil Company**

Date  
**12/20/71**

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  
**DECEMBER 15, 1971**  
 Registered Professional Engineer and Oil and Gas Land Surveyor  
*Max A. Schumann*  
**MAX A. SCHUMANN JR.**  
 Certificate No. **1510**

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JUN 2 1971

OIL CONSERVATION COMM.  
WHEELING, W. VA.