

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 0349953
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR INC Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 767, Midland, Texas 79701		8. FARM OR LEASE NAME Elliott Federal "31"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650' FNL & 990' FWL, Section 31, T-24-S, R-38-E At proposed prod. zone		9. WELL NO. 8
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles Northeast of Jal, New Mexico		10. HIDE, ADJUTANT, OR WILDCAT Dollarhide/Devonian
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'	16. NO. OF ACRES IN LEASE 40	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 31, T-24-S, R-38-E N.M.P.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1110'	19. PROPOSED DEPTH 8,000'	12. COUNTY OR PARISH 13. STATE Lea New Mexico
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3118' GR.		20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START* 6-20-72		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68#	600'	900 cubic feet
11"	8 5/8"	24# & 32#	3800'	3000 cubic feet
7 7/8"	5 1/2"	15.5# & 17#	8900'	350 cubic feet

1. 13 3/8" surface casing to be set at minimum of 550' and cement circulated.
2. 8 5/8" intermediate casing to be set at minimum of 3,800' and cement circulated.
3. Cement behind the 5 1/2" casing should be sufficient to isolate all productive zones including the Tubb, Drinkard, and Abo.
4. Blow out 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 (George R. McBride) TITLE Admin. Ass't. to Dist. Supt. DATE June 16, 1972
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY :

APPROVED

JUN 20 1972

*See Instructions On Reverse Side

J L GORDON
DISTRICT ENGINEER

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.

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JUL 21 1972

OIL CONSERVATION COMMISSION
WASHINGTON, D. C.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

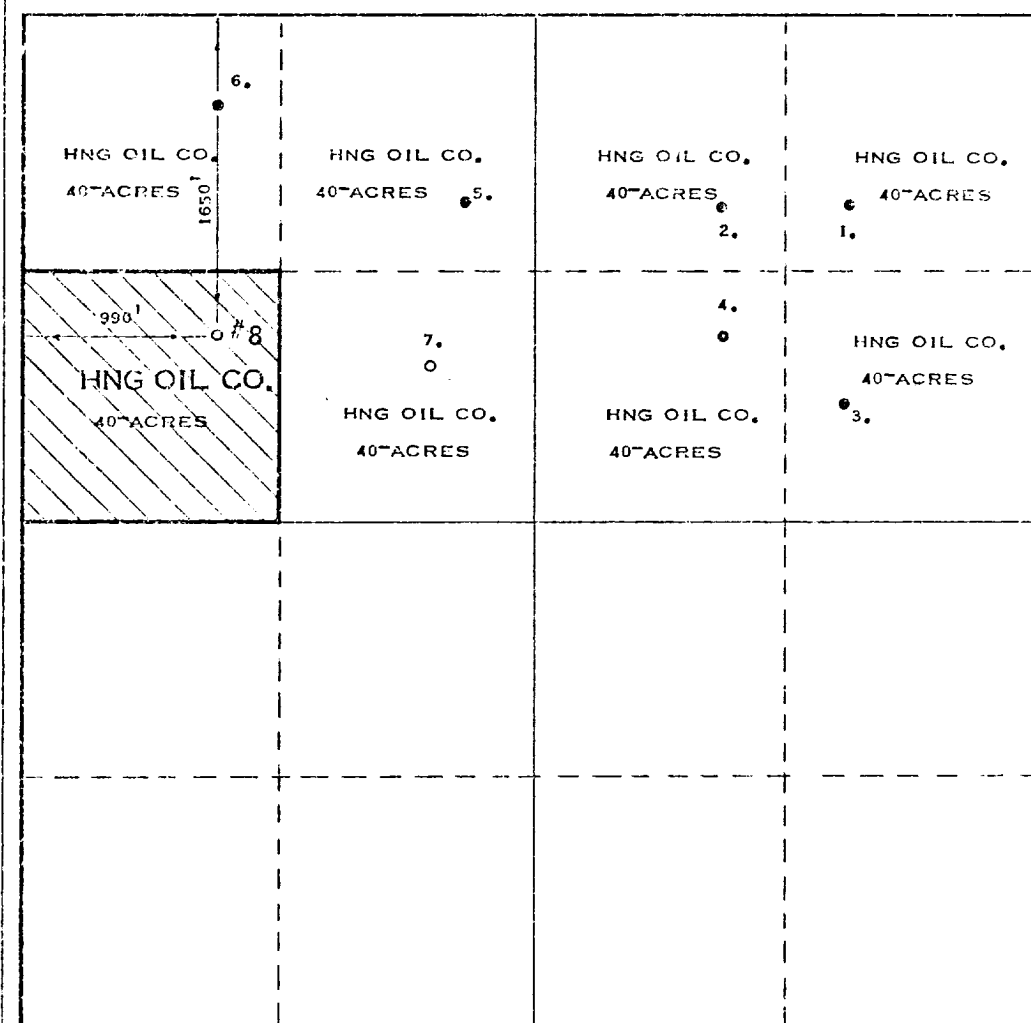
Operator HNG OIL COMPANY		Lease ELLIOTT-FEDERAL "31"		Well No. 8
Unit Letter "E"	Section 31	Township 24-S	Range 38-E	County LEA
Actual Footage Location of Well: 1650 feet from the NORTH line and 990 feet from the WEST line				
Ground Level Elev. 3118	Producing Formation DEVONIAN	Pool UNDESIGNATED DEVONIAN	Dedicated Acreage: 40 Acres	

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 _____
Position (George R. McBride)
Admin. Ass't. to Dist. Supt.

Company
HNG Oil Company

Date
June 16, 1972

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
MAY 24, 1972

Registered Professional Engineer
and Licensed Surveyor
MAX A. SCHUMANN, JR.

Certificate No.
1510

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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JUN 24 1971

OIL CONSERVATION COM. /
HOUSTON, TEX.