

**COPY TO O. & C.**  
**UNITED STATES**  
**DEPART. NT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1425.

30-025-26846

**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 2267, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 1980' FSL & 1980' FEL  
 At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.  
NM 18644

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Wilson 17 Federal

9. WELL NO.  
5

10. FIELD AND POOL, OR WILDCAT  
Sioux Yates

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 17, T26S, R36E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
6 miles south from Jal, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1980' 660'

16. NO. OF ACRES IN LEASE  
480

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.  
1320'

19. PROPOSED DEPTH  
3850'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
2945' GR

22. APPROX. DATE WORK WILL START\*  
7/15/80

**RECEIVED**  
**APR 21 1980**  
**U. S. GEOLOGICAL SURVEY**  
**HOBBS, NEW MEXICO**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	1400'	850 sacks <b>CIRCULATE</b>
7-7/8"	5-1/2"	14#	3850'	650 sacks

**DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"**

Pressure Control Program

A double blow-out preventor and rotating head with a choke manifold will be installed at the 8-5/8 inch casing setting point. The drill string will be equipped with a safety valve. All equipment will be tested to 3000 lbs. after installation.

Acreeage is dedicated.

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 Betty A. Gildon TITLE Regulatory Clerk DATE 4-16-80  
Betty A. Gildon

(This space for Federal or State office use)

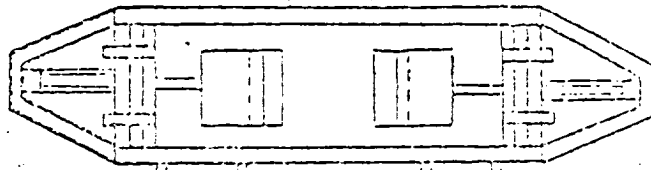
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL \_\_\_\_\_

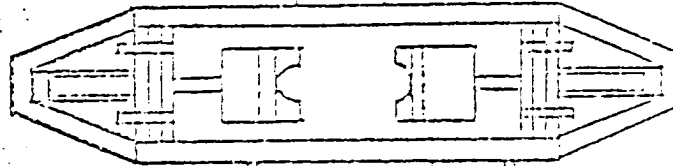
**APPROVED**  
**MAY 29 1980**  
*JH*  
**DISTRICT SUPERVISOR**

\*See Instructions On Reverse Side

Fillup Line



- BOP'S W/ BLINDS

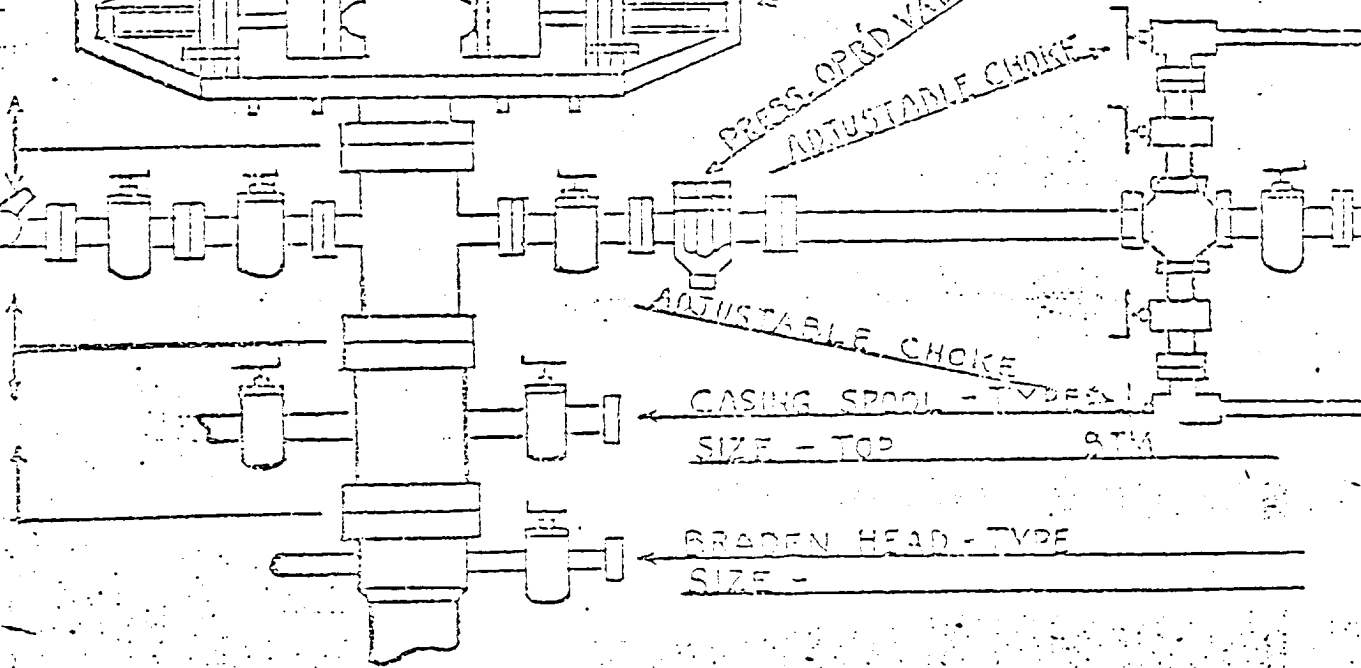


- BOP'S W/ PIPE RAIS

PRESS-OP'D VALVE  
ADJUSTABLE CHOKE

RILL LINE

PRESSURE VALVE



ADJUSTABLE CHOKE

CASING SPOOL - TYPE  
SIZE - TOP 8 1/2"

BRADEN HEAD - TYPE  
SIZE -