

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. NM 18644
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR HNG Oil Company			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2267, Midland, Texas 79702			8. FARM OR LEASE NAME Wilson 17 Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FEL & 1980' FSL At proposed prod. zone Same			9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles south from Jal, NM			10. FIELD AND POOL, OR WILDCAT Sioux Yates
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' 660'			11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 17, T26S, R36E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'			12. COUNTY OR PARISH Lea
16. NO. OF ACRES IN LEASE 480			13. STATE NM
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 2946' GR			22. APPROX. DATE WORK WILL START* 5/30/80

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 CIRCULATE
7-7/8"	5-1/2"	14#	3850'	650 sacks

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.

Acreage is dedicated.

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APR 21 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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
(This space for Federal or State office use)

PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE _____ DATE _____
APPROVED MAY 9 1980 DISTRICT SUPERVISOR	

*See Instructions On Reverse Side