

N.M.O.C.C. COPY
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

20-015-21094
5. LEASE DESIGNATION AND SERIAL NO.
N/M4026
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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
 David Fasken ✓

3. ADDRESS OF OPERATOR
 608 First National Bank Bldg., Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: 1980' FWL, 1980' FSL, Sec. 29, T-20-S, R-25-E, NMPM
 At proposed prod. zone: 1980' FWL, 1980' FSL, Sec. 29, T-20-S, R-25-E, NMPM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8 miles SW Lakewood, New Mexico

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 9800'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 G.L. 3566'

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Howell "29" Federal Co.

WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK., AND SURVEY OR AREA
 Sec. 29, T-20-S, R-25-E, NMPM

12. COUNTY OR PARISH
 Eddy

13. STATE
 New Mex.

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 640 (Pooled Unit)

19. PROPOSED DEPTH
 9800'

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 February 4, 1974

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" | 48# | 200' | 300 SX. |
| 12-1/4" | 8-5/8" | 24 & 32 | 3200' | 900 SX. |
| 7-7/8" | 4-1/2" | 11.6 & 10.5 | 9800' | 450 SX. |
- Drill 17-1/2" hole to 200'.
 - Set 13-3/8" casing at 200', cement to surface and install 12" X 3000 PSI W.P. casinghead.
 - Drill 12-1/4" hole with water to 3200' control seepage with paper. Dry drill if complete loss of returns is experienced.
 - Load hole with 34 Sec. viscosity mud saturated with cotton seed hulls at 3200' if hole is showing seepage.
 - Set and cement 8-5/8" casing at 3200' with sufficient cement to circulate. W.O.C. 24 hours. Install 12" - 3000 PSI W.P. X 10" - 3000 PSI W.P. spool with secondary seal and bit guide. Install 3000 W.P. Double ram Shaffer B.O.P. w/double rams and Hydril stripper type B.O.P.
 - Test casing, casing spool, B.O.P., Hydril and choke manifold to 3000 psig with Yellow Jacket. Install PVT, flow sensor and pump stroke.

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. James B. Henry
 SIGNED James B. Henry TITLE Agent DATE Jan. 21, 1974

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JAN 21 1974

APPROVED BY James B. Henry TITLE DISTRICT ENGINEER DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DECLARED WATER BASIN
 CEMENT BEHIND 1378 + 84
 CASING MUST BE CIRCULATED,

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 90 DAYS.

*See Instructions On Reverse Side

NOTIFY LOGS IN SUFFICIENT TIME TO WITNESS CEMENTING THE 828 CASING.

RECEIVED
 JAN 23 1974
 U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

RECEIVED

O. C. C.
 ARTESIA, OFFICE

FEB 1 1974