

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 ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

HILLIARD OIL & GAS, INC.

3. ADDRESS OF OPERATOR

906 Building of the Southwest, Midland, Texas 79701

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

At surface 1980' FSL & 1980' FEL

At proposed prod. zone

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 0245247

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McElvain-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 30, T-18-S, R-34-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any) 660'

16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

19. PROPOSED DEPTH

15,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

Not available at this time

22. APPROX. DATE WORK WILL START*

May 10, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48	350	450 sx - circulate
11"	8-5/8"	24 & 32	5200	350 sx - To Fill to Base SALT

We propose to drill a 15,000' Devonian Test at this location as follows:

1. Drill 17½" hole to 350'. Set 13-3/8" casing & cement to surface.
2. Drill 11" hole to 5200' ±. Set 8-5/8" casing & cement bottom 1500'.
3. Drill 7-7/8" hole to TD @ 15,000' ±.
4. DST all significant shows & run open hole logs.
5. Run 5½" casing through deepest productive zone & cement to 1000' above shallowest zone.
6. In the event of a dry hole, well will be plugged as per USGS Requirements.
7. BOP's will be installed on each string of casing and will be pressure tested. BOP's will be operated and checked daily.

DRILLING MUST BE IN COMPLIANCE WITH
THE ATTACHED "DRILLING WELL CONTROL
REQUIREMENTS" DATED 6-22-73

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

TITLE

Manager of Operations

DATE

4-30-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side