

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21041

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

H. L. Brown, Jr. ✓

3. ADDRESS OF OPERATOR

309 Midland Tower, Midland, Texas 79701

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

At surface

660' FEL & 330' FSL, Section 15, T-17-S, R-29-E

At proposed prod. zone

660' FEL & 330' FSL, Section 15, T-17-S, R-29-E

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

4 miles west of Loco Hills

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

320

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

11,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3580' GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11-3/4"	42#	480'	500 SXS
11"	8-5/8"	24 & 32#	3600'	300 SXS
7-7/8"	4-1/2"	11.60#	11,000'	500 SXS

BOP Program:

From 600' to TD

Two 10", 3000# Cameron QRC hydraulic preventors.

MUD Program:

From 0 - 7000' - Fresh water.

From 7000' - 10,000' - Potassium Chloride water, weight 9#/gallon.

10,000' - TD - Potassium Chloride water with Drispac, weight
9#/gallon, Viscosity 35.

Non-Standard Proration Unit consisting of 320-acre comprising the
SE/4 of Section 15, and the E/2 NE/4, SW/4 NE/4, and NE/4 SE/4 of
Section 22, T-17-S, R 29 E, NMPM, Eddy County, New Mexico approved by
New Mexico Oil Conservation Commission Order #R-4663.

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 B. D. Baker

TITLE Petroleum Engineer

DATE November 30, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 11 1973

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DISTRICT ENGINEER

DATE

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED 6-22-73

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

5. LEASE DESIGNATION AND SERIAL NO.

LC 028731(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal Dodd Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Grayburg Morrow

11. SEC. T, R, M, OR BLK.
AND SURVEY OR AREASection 15, T-17-S
R-29-E

12. COUNTY OR PARISH

13. STATE

Eddy

New Mexico