

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

P. O. Box 2237, Midland, Texas 79702

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

At surface

330' FWL & 2590' FSL of NW/4 of the NW/4 of the SW/4 of Section 27, T-7S, R-37E, Roosevelt County, New Mexico

At proposed prod. zone

Same

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

10 miles east of Milnesand, New Mexico

15. DISTANCE FROM PROPOSED\*

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

330'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1040'

19. PROPOSED DEPTH

9250'

20. ROTARY OR CABLE TOOLS

Rotary

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

4054.7 GR

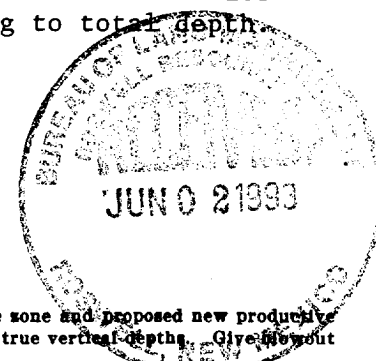
22. APPROX. DATE WORK WILL START\*

June 20, 1993

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	550'	500 sx Class "C"
11	8 5/8	32	4000'	1500 sx Class "C"
7 7/8	5 1/2	17	9250'	700 sx Class "H" - (estimate) Actual to be determined by logs.

Propose to drill test Devonian using rotary tools to  $\pm$  9250'. Cement will be circulated on 13 3/8" and 8 5/8" casing strings. A completion will be attempted in the North Bluit (Siluro-Devonian) Pool @  $\pm$  9250'. Completion or abandonment will be performed in accordance with prudent practices and regulatory requirements. A double ram series 900 BOP and Choke Manifold will be used after setting 8 5/8" casing to total depth.



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 flowout preventer program, if any.

24.

SIGNED

*John T. Gray*

TITLE

John T. Gray  
Production Engineer

DATE

5/28/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*Sandra L. Allen*

TITLE

*Area Manager*

DATE

7/16/93

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL OF THIS APPLICATION DOES NOT WARRANT CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREIN

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

See Instructions On Reverse Side

RECEIVED

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