

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT SEP 11 1991

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
NM-0560353
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Mabel Hale Federal
9. WELL NO.
10
10. FIELD AND POOL, OR WILDCAT
Shugart Pool
(Yates-SR-Q-Grayburg)
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec.11, T.19S., R.30E.
12. COUNTY OR PARISH
Eddy
13. STATE
N.M.

12. TYPE OF WORK
a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
b. TYPE OF WELL
DEEPEN ☐ PLUG BACK ☐
2. NAME OF OPERATOR
GREAT WESTERN DRILLING COMPANY (Kenneth Smith)
(505-396-5538)
3. ADDRESS OF OPERATOR
P.O. Box 1659
Midland, Texas 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
330' FNL 760' FEL, Sec.11-19S-30E
At proposed prod. zone
Same (UNIT A)
(NENE)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
24 air miles northeast of Carlsbad, 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
2160.32
17. NO. OF ACRES ASSIGNED TO THIS WELL
40
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1300'±
19. PROPOSED DEPTH
3200'
20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3483.7' GL
22. APPROX. DATE WORK WILL START
As Soon As Possible

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#	685'	750 sx "C" + 2% CaCl ₂ (Circ)
12-1/4"	8-5/8"	24#	1900'	1230 sx "C" + 2% CaCl ₂ (Circ)
7-7/8"	5-1/2"	14#	3200'	400± sx "C" + 2% CaCl ₂ Est. Top Cement - 1800

Propose to drill to 3200'± to test Grayburg and intermediate formations.

This well is within the Designated Potash Area but outside of the NMOCD R-111-P Area.

Productive zones will be selectively perforated and stimulated.

See attached "SUPPLEMENTAL DRILLING DATA".

Exp. Int 2-12-96 30-015-26833

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 Jerry H. Long TITLE Permit Agent DATE June 16, 1991
(This space for Federal or State office use)
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 9-9-91
APPROVAL SUBJECT TO:
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED
*See Instructions On Reverse Side
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ONGARD
3/8/94