

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN TRIPLICATE
(Other instructions on reverse)
AUG 17 1991

30-015-26805
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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

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 1340' FNL 1300' FEL, Sec.11-19S-30E (SENE) (UNIT H)
 At proposed prod. zone Same

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) 1300'

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. 1000'±

19. PROPOSED DEPTH 3200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3421.9' GL

22. APPROX. DATE WORK WILL START*
 As Soon As Possible

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.
 11

10. FIELD AND POOL, OR WILDCAT
 Shugart Pool
 (Yates-SR-Q-Grayburg)

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
 Sec.11, T.19S., R.30E.

12. COUNTY OR PARISH
 Eddy

13. STATE
 N.M.

PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash / R-111-P Potash

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 and NMOCD R-111-P Area.

Productive zones will be selectively perforated and stimulated.

See attached "SUPPLEMENTAL DRILLING DATA".

NMOCD approval of the unorthodox location is pending.

EXP INT. 2-12-96 30-015-26805

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 W. Long TITLE Permit Agent DATE June 17, 1991
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 8-1-91

APPROVAL SUBJECT TO:
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS

*See Instructions On Reverse Side

ATTACHED
 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.