

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT IN 150 DATE  
(Other instruct. on reverse side)  
4067 7991

30-015-26804  
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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-0560353	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
2. NAME OF OPERATOR GREAT WESTERN DRILLING COMPANY (Kenneth Smith) (505-396-5538)		7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR P.O. Box 1659 Midland, Texas 79702		8. FARM OR LEASE NAME Mabel Hale Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1650' FNL 2310' FEL, Sec. 11-19S-30E (UNIT G) At proposed prod. zone Same (SWNE)		9. WELL NO. 9	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 air miles northeast of Carlsbad, New Mexico		10. FIELD AND POOL, OR WILDCAT Shugart Pool (Yates-SR-Q-Grayburg)	
16. NO. OF ACRES IN LEASE 2160.32		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T. 19S., R. 30E.	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		12. COUNTY OR PARISH Eddy	
18. PROPOSED DEPTH 3200'		13. STATE N.M.	
19. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000'±		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3090.3' GL		22. APPROX. DATE WORK WILL START* As Soon As Possible	

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#	685'	750 sx "C" + 2% CaCl <sub>2</sub> (Circ)
12-1/4"	8-5/8"	24#	1900'	1230 sx "C" + 2% CaCl <sub>2</sub> (Circ)
7-7/8"	5-1/2"	14#	3200'	400± sx "C" + 2% CaCl <sub>2</sub> ✓ 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".

Exp. Int. 2-12-96 30-015-26804

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 15, 1991  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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.