

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

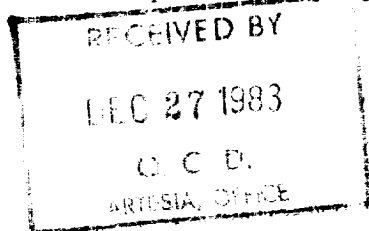
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 14778	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR MOBIL PRODUCING TX. & N.M. INC. ✓		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR NINE GREENWAY PLAZA, SUITE 2700, HOUSTON, TEXAS 77046		8. FARM OR LEASE NAME LATHAM FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL and 530' FEL of Sec 15 At proposed prod. zone same as surface		9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14 miles SE of Lovington, NM		10. FIELD AND POOL, OR WILDCAT Undesignated	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 530		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 15, T-25S R-29E	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		19. PROPOSED DEPTH 6,000'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* AS SOON AS POSSIBLE	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3074' Ground		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#	0'-350'	(1) 500 SX Circ to surface
12 1/2	8-5/8	32#	0'-3250'	(2) 2250 SX Circ
7-7/8	5-1/2	14#	0'-5500	(3) 1300 SX Circ

CEMENTING PROGRAM

- (1) Class "C" + 2% CaCl₂ + 1/2# FC
- (2) TLW + 9 # Salt + 1/2# FC, tailed w/class "C" + 2% CaCl₂ + 1/2# FC
- (3) TLW + 1/2# FC, tailed w/class "C" neat

Mud, coring and logging, and blowout preventer program attached.

RECEIVED
DEC 15 10 39 AM '83
BUREAU OF LAND MANAGEMENT
ROSWEIL DISTRICT

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 A. D. BOND A. D. BOND TITLE Regulatory Technician Supervisor DATE 12/8/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY 'Orig. Sgd.' Earl R. Cunningham TITLE District Manager DATE DEC 23 1983

CONDITIONS OF APPROVAL, IF ANY: _____

Rothwell Rd
RD 10 1/2 Box
12-30-83