

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

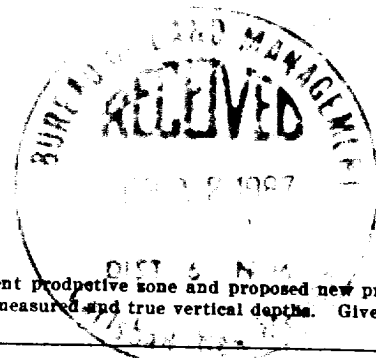
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 15684	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Enron Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2267, Midland, Texas 79702		8. FARM OR LEASE NAME Madera 28 Federal Com.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & 2200' FWL of Sec. 28 At proposed prod. zone 660' FSL & 2200' FWL		9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles west of Jal, NM		10. FIELD AND POOL, OR WILDCAT Pitchfork Ranch /Atoka/	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 660' (Also to nearest drig. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T24S, R34E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330' in Morrow Sand		12. COUNTY OR PARISH Lea	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3454.8' GR		13. STATE NM	
16. NO. OF ACRES IN LEASE 640		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
19. PROPOSED DEPTH 14,100'		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* When permitted			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15-1/4"	11-3/4"	42#	600	415 sx. Circulated
10-5/8"	8-5/8"	24#	5200	2500 sx. Circulated
7-7/8"	5-1/2"	17#	13250	1200 sx.
4-3/4"	3-1/2" Liner	10.5#	14100	175 sx.

BOP - Install at 5200' w/3000# cap. and 2450# annular preventor. At 13,250 increase to 10,000# cap. w/5000# annular preventor. Will use standard surface-controlled BOP installation.

Gas is not dedicated.



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 Betty Gildon TITLE Regulatory Analyst DATE 2/11/87
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Orig. Sgd. [Signature] DATE 2-17-87
CONDITIONS OF APPROVAL, IF ANY: _____

*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.

RECEIVED

FEB 19 1987

OCD
HOBBBS OFFICE