

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. LC 063623-A
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 W M T OPERATING COMPANY, INC.		7. UNIT AGREEMENT NAME _____
3. ADDRESS OF OPERATOR P.O. Box 64299, Lubbock, Texas 79464		8. FARM OR LEASE NAME Arco Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 2310' FSL 1650' FWL Sec.4-10S-38E At proposed prod. zone Same		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 Miles east and 15.5 miles north of Tatum, New Mexico		10. FIELD AND POOL, OR WILDCAT Sawyer - San Andres
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 728.64'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.4-10S-38E
16. NO. OF ACRES IN LEASE 613.07		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 33.15		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1043.55'		19. PROPOSED DEPTH 5200'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* As soon as possible
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3896' GL		

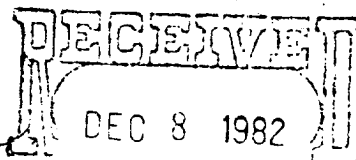
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# K-55	400'	300 sx - Circulated
7-7/8"	4-1/2"	9.5# K-55	5200'	1200 sx - Circulated

It is proposed to drill this well to about 5200' to test the San Andres formation for oil production.

Blowout preventer stack will include a 10", Series 900, double ram preventer rated to 3000# W.P.

See attached "Supplemental Drilling Data".



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 Agent

DATE

December 7, 1982

PERMIT NO.

APPROVAL DATE

APPROVED BY

JAMES A. GILLHAM

TITLE

DATE

4-1-87

Cecilia -

copy?
please send cancellation notice if this was never drilled.
Thanks, Evelyn