

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

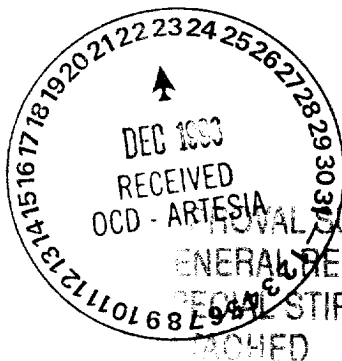
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. LC-055465-A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ARCO Permian			7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702			8. FARM OR LEASE NAME, WELL NO. WEST RED LAKE "4" 6	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FNL, 660' FWL			9. API WELL NO. 30-015-30542	
At proposed prod. zone SAME			10. FIELD AND POOL, OR WILDCAT RED LAKE (Q-GB-SA) 51120	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 MILES SE FROM ARTESIA			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4, T18S, 27E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		16. NO. OF ACRES IN LEASE 80	17. NO. OF ACRES ASSIGNED TO THIS WELL 2040 ac.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. SEE PLATS		19. PROPOSED DEPTH 4000'	20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3547'			22. APPROX. DATE WORK WILL START* 1/99	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY
11	8-5/8" J-55	24	1100'	700 FT
7-7/8	5-1/2" K-55	15.5	4000'	1300

SUBJECT WELL IS PLANNED AS A 4000' STRAIGHT HOLE.
3,000 PSI BOPE WILL BE USED FROM 1100' TO TD.

ATTACHMENTS ARE AS FOLLOWS:

1. CERTIFIED LOCATION PLAT.
2. DRILLING PLAN WITH ATTACHMENTS.
3. SURFACE USE PLAN WITH ATTACHMENTS.



APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
REGULATORY STIPULATIONS
ATTACHED

Post ID-1
12-31-98
API + Loc

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 <u><i>Elizabeth Casbeer</i></u>	TITLE <u>REGULATORY COMPLIANCE</u>	DATE <u>12/8/98</u>
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(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SCD.) ARMANDO A. LOPEZ

Acting Assistant Field Office Manager,
Lands and Minerals

DEC 8 2 1998

APPROVED BY _____ TITLE _____ DATE _____

*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.

