

# N. M. Oil Cons. Division

Form 3160-3  
(July 1992)

81' 2.1ST ST.  
ARTES UN D STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

ARCO Permian

990

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1610, Midland, TX 79702

915-688-5570

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1800' FSL, 1720' FEL

At proposed prod. zone

SAME

Unit J

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

21 MILES EAST FROM LOVING

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest dble. unit line, if any) 1720

16. NO. OF ACRES IN LEASE

1280.81

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1160'

19. PROPOSED DEPTH

8450'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3517'

CARLSBAD

22. APPROX. DATE WORK WILL START\*

5/98

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT | WITNESS   |
|--------------|-----------------------|-----------------|---------------|--------------------|-----------|
| 17-1/2       | 13-3/8 H-40           | 48 ST&C         | 860           | 700                | CIRCULATE |
| 11           | 8-5/8 J-55            | 32 ST&C         | 4600          | 1300               | CIRCULATE |
| 7-7/8        | 5-1/2 J-55            | 15.5 # LT&C     | 0-6700        | 935                |           |
|              |                       | 17# LT&C        | 6700-8450     |                    |           |

SUBJECT WELL IS PLANNED AS A 8450' STRAIGHT HOLE.  
3,000 PSI BOPE WILL BE USED FROM 860' TO TD.

ATTACHMENTS ARE AS FOLLOWS:

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

THIS APD WAS ORIGINALLY APPROVED ON 5-28-98. DUE TO ITS EXPIRATION, WE ARE  
RE-SUBMITTING FOR APPROVAL.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Post ID-1  
11-12-99  
APJ + LCC

10/2/99  
10/2/99

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

Laurie Cherry

TITLE REGULATORY COMPLIANCE

DATE 9/14/99

(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. SGD.) M. J. CHÁVEZ

STATE DIRECTOR

APPROVED BY

TITLE

DATE

11-1-99

\*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.