

UNITED 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 ☐ ☒ PLUG BACK

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Anadarko Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.  
PO Box 37, Loco Hills, NM 88255 505/677-2411

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1650' FNL & 2110' FWL  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
18 miles ESE of Artesia, NM, on US 82 to 360

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650' Lse line  
16. NO. OF ACRES IN LEASE 1861.21  
17. NO. OF ACRES ASSIGNED TO THIS WELL 320  
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
19. PROPOSED DEPTH Plug Back  
20. ROTARY OR CABLE TOOLS Rotary  
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3686.8' GR  
22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
NM-54184

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME, WELL NO.  
Federal 11 #1

9. API WELL NO.  
30-015-25086

10. FIELD AND POOL, OR WILDCAT  
Empire South, Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 11, T18S, R28E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	Cond. pipe	30'	3 yds Redi-mix
17 1/2"	13 3/8"	54.5	450'	600 sx Circ
11"	8 5/8" OD	28# S-80	2800'	1475 sx Circ
7 7/8"	5 1/2" OD	17# N-80 & K-55	10,900'	1000 sx to @ 7000' from surf (min)

1. MIRUPU. TOH w/TCP system.
2. TIH w/CIBP & set @ 10,000'. Dump @ 40' cement on top of CIBP.
3. RU Perforator and perforate zone 9758-9780', 9812-9842'
4. Spot 150 gal 15% NEFE.
5. ACDZ w/3000 gal 15% NEFE.
6. Set SN @ 9870'.
7. Swab test well.
8. WOO.

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 Howard D. Schmitt TITLE Field Foreman DATE 07-01-97

(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. S02.) JOE C. LARA

Petroleum Engineer

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 7/1/97

\*See Instructions On Reverse Side