

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N. M. Oil Co. Division  
ARTESIA, NM 88210  
FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ 7/16/97 JP

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

2. NAME OF OPERATOR  
Phillips Petroleum Company 17643

3. ADDRESS AND TELEPHONE NO.  
4001 Penbrook Street, Odessa, TX 79762 915/368-1488

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.)  
At surface 868' FNL & 1062' FWL  
At proposed prod. zone 868' FNL & 1062' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
3.1 Miles West from Loco Hills

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 4412' FSL

16. NO. OF ACRES IN LEASE  
APPOX. 4880

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.  
3800' WELL NO. 5

19. PROPOSED DEPTH  
11,250'

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3594' GL

22. APPROX. DATE WORK WILL START  
UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4"	11-3/4", H-40	42#	500'	500 SXS CLASS "C" + 2% CACL2
11"	8-5/8", J-55	24# & 32#	4500'	1100 SXS IN TWO STAGES
7-7/8"	5-1/2", LT&C	17# & 20#	11,250'	1170 SXS IN TWO STAGES

NOTE: CEMENT FOR THE SURFACE CASING WILL BE CIRCULATED TO THE SURFACE.  
CEMENT FOR THE INTERMEDIATE CASING WILL HAVE A LEAD OF 850 SXS CLASS "C" + 2% CACL2, CIRCULATED TO THE SURFACE.  
CEMENT FOR THE PRODUCTION CASING: STAGE TOOL AT 9,000', 1ST STAGE: 500 50/50 CLASS H/POZMIX-A + 1% GEL + 1% DIACEL FL.  
2ND STAGE: 670 SXS 50/50 CLASS C/POZMIX-A + 1% GEL + 1% DIACEL FL.  
NOTE: APPROVED NMOC UNOROTHODOX LOCATION APPROVAL ATTACHED.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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 measure of depth. Give blowout preventer program, if any.

24. SIGNED J.M. Sanders TITLE SR. REGULATION ANALYST DATE 07/14/97

(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:

APPROVED BY (ORIG. SGD.) JAMES G. PETTENGILL TITLE ADM, MINERALS DATE 7/28/97

\*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.

NSL