

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER

2. NAME OF OPERATOR  
 Phillips Petroleum Company

3. ADDRESS OF OPERATOR  
 4001 Penbrook Street, Odessa, Texas 79762

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface  
 At proposed prod. zone Unit C, 535' FNL and 1980' FWL

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-0479142

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 James E

9. WELL NO.  
 2

10. FIELD AND POOL, OR WILDCAT  
 Undesignated Delaware

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
 11, T-22-S, R-30-E

12. COUNTY OR PARISH  
 Eddy

13. STATE  
 NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 22 miles east of Carlsbad

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 535'

16. NO. OF ACRES IN LEASE  
 640+

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

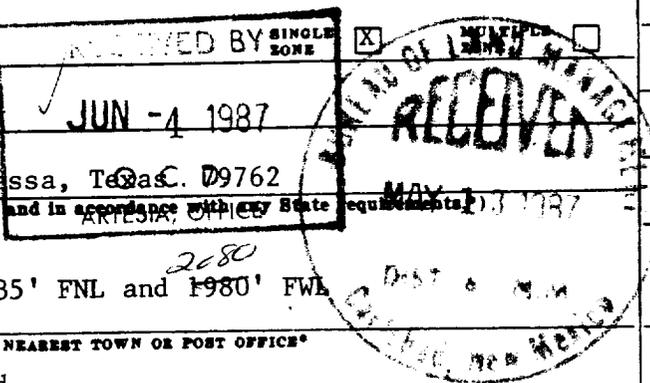
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. none

19. PROPOSED DEPTH  
 7500' RKB

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3176.5' GR Unprepared 3177.4' GL

22. APPROX. DATE WORK WILL START\*  
 Upon approval



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# K-55	400'	650 Sx Class C, 2% CaCl <sub>2</sub> , Circ.
12-1/4"	8-5/8"	24# & 32# K-55	3500'	950 sx Class C, 20% Diacel D + 23# salt/sx & 1/2#/sx Flocele followed by 200 sx Class C, 10# salt/sx. Circ to surface. Tie back to intermediate with caliper volume plus 20% excess- approx. 400 sx Class C + 20% Diacel D + 1/2#/sx Flocele followed by 600 sx Class "C" neat.
7-7/8"	5-1/2"	15.3# K-55	7500'	

Mud program & BOP Equipment - See attached.

This well is in a Potash Defined Area-the following have been notified by copy hereof:

International Minerals & Chemical Corporation P. O. Box 71 Carlsbad, NM 88220	Mississippi Chemical P. O. Box 101 Carlsbad, NM 88220	Posted ID-1 NL, API 6-12-87
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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 W. J. Mueller TITLE Engineering Supervisor, Reservoir DATE May 12, 1987

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side