

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-025-28751

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

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR Room 401

4001 Penbrook Street, Odessa, Texas 79762

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

At surface

(Unit K) 1980' FSL and 1980' FWL

At proposed prod. zone

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

4 miles west and 1 mile north of Lovington, New Mexico

15. DISTANCE FROM PROPOSED\*

1980'

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

\* (Also to nearest drlg. line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320' SE

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

10,650'±

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3982.6' GR (Unprepared)

22. APPROX. DATE WORK WILL START\*

Upon approval

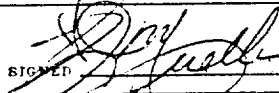
23. PROPOSED CASING AND CEMENTING PROGRAM

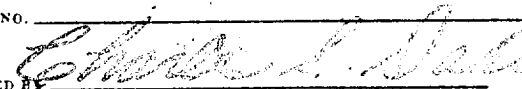
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#, H-40	350'±	400 sx Cl "C", 2% CaCl <sub>2</sub> . Circ to
12-1/4"	8-5/8"	32#, K-55	4700'±	1200 sx Class "C". 40% Diacel D. <sup>Surf</sup>
				18% salt, 1/4#/sx cellophane, 200 sx Class "H" neat. Circ to <sup>Surf</sup>
7-7/8"	5-1/2"	17#, N-80	10,650'±	Hole caliper volume + 30% excess
		17#, K-55		(sufficient to tie back to
		15.5#, K-55		intermediate csg in 2 stages)
				using Class "H"+10% Diacel D
				followed by Class "H" + 40%
				Diacel D, 1/4#/sx cellophane
				+ 100 sx Class "H" neat.
				Stage tool @ 9000'±

BOP EQUIP: 3000 psi WP. Figure 7-7 or 7-8 (Diagramatic sketches and operational detail attached)

Mud: Proposed detail mud program attached.

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.  W. J. Mueller TITLE \_\_\_\_\_ DATE May 22, 1984  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY  AREA MANAGER  
CONDITIONS OF APPROVAL, IF ANY: TITLE CARLSBAD RESOURCE AREA  
APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED