

## N. M. OIL CONS. COMMISSION

P. O. BOX 1980

Form 3160-3

(November 1985)

(formerly 9-331C)

BOEBS, NEW MEXICO, 87002

SUBMIT IN DUPLICATE\*

(Other instructions on  
reverse side)

Form approved.

Budget Bureau No. 1004-0136

Expires August 31, 1985

**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 ☐**5. LEASE DESIGNATION AND SERIAL NO.**

NM 14332

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME****7. UNIT AGREEMENT NAME****8. FARM OR LEASE NAME**

Luke Fed

**9. WELL NO.**

2

**10. FIELD AND POOL, OR WILDCAT**

Livingston Ridge (Delaware)

**11. SEC., T., R., M., OR SLE.  
AND SURVEY OR AREA**

Sec. 31, T-21-S, R-32-E

**12. COUNTY OR PARISH**

Lea

**13. STATE**

NM

**b. TYPE OF WELL**OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐**2. NAME OF OPERATOR**

Phillips Petroleum Company

**3. ADDRESS OF OPERATOR**

4001 Penbrook St., Odessa, Texas 79762

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

At surface

Unit A, 660' FNL &amp; 660' FWL

At proposed prod. zone

Same as above.

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

28 miles east from Carlsbad

**15. DISTANCE FROM PROPOSED\***LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)**16. NO. OF ACRES IN LEASE**

160

**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.****19. PROPOSED DEPTH**

8700'

**20. ROTARY OR CABLE TOOLS**

Rotary

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

3672' GR

Carlsbad Controlled Water Basin

**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#             | 475'          | 700 sx Cl "C" <b>CIRCULATE</b>                      |
| 12-1/4"      | 8-5/8"         | 24#             | 3700'         | 1500 sx Cl "C" tailed w/200 Cl "C" <b>NEAT</b>      |
| 7-7/8"       | 5-1/2"         | 15.5#, 17#      | 7700'         | 750 sx Cl "C" tailed w/400 Cl "C" <b>SEE STIPS.</b> |

Use mud additives as needed for control.

BOP equipment Figure 7-9 or 7-10 (see attached schematic).

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

*L. M. Sanders*

L. M. Sanders, Title Supervisor, Reg. &amp; Proration DATE 10/10/91

(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**

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 the jurisdiction