

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-1-36
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-015-25668

5. LEASE DESIGNATION AND SERIAL NO
LC-028784C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Keely-C Fed

9. WELL NO.
61

10. FIELD AND POOL, OR WILDCAT
Grayburg Jackson, 7R,Q, GB,SA

11. SEC., T., R., M., OR BLK
AND SURVEY OR AREA
Sec. 24,T-17-S,R-29-E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

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 ☒ RECEIVED

3. ADDRESS OF OPERATOR
4001 Penbrook St., Odessa, TX 79762

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
At surface Unit P, 330' FSL & 660' FEL AUG 09 '88

At proposed prod. zone Unit P, 330' FSL & 660' FEL O. C. D.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
2 mi west from Loco Hills, NM ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT
(Also to nearest drill unit line, if any.) 660'

16. NO. OF ACRES IN LEASE
1440

17. NO. OF ACRES ASSIGNED
TO THIS WELL 40 (shares proration unit w/# 4)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL DRILLING, COMPLETED,
OR APPLIED FOR ON THIS LEASE, FT 327.8'

19. PROPOSED DEPTH
5000

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether Dr., Rt., GR, etc.)
GL 3610.8'

22. APPROX. DATE WORK WILL START
Upon approval

PROPOSED CASING AND CEMENTING PROGRAM

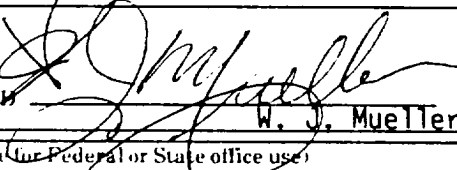
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	372'	500 sk C - TOC surface
11"	8-5/8"	24#	3500'	1100 sk C - TOC surface
7-7/8"	5-1/2"	15.5# & 14#	6900'	550 sk C - TOC 3320'

Proposed procedure:

CIBP @ 6680'. Spot 100 sk cmt @ 6680'. TOC @ ±5000'. Run freepoint on 5-1/2" casing; cut and pull csg. above top of cement at 3320'. Spot 500 gal. 10% acetic @ 3560'. Perforate w/4" OD csg. gun w/DML charges @ 2 SPF spacing 2436'-3554', 104', 208 holes. Acidize Grayburg/San Andres w/10,400 gal 15% NeFe HCl acid. Fracture treat w/96,000 gal. gelled, crosslinked 2% KCl & 180,000# 20/40 mesh sand.

Wellbore originally permitted as Grayburg Deep Well No. 9

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.

SIGNED  W. J. Mueller

TITLE Eng. Supervisor, Res. DATE 8/5/88

(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