

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

30-025-30511

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-065710-A
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Phillips Petroleum Company		7. UNIT AGREEMENT NAME Lusk Deep Unit-A
3. ADDRESS OF OPERATOR 4001 Penbrook St., Odessa, TX 79762		8. FARM OR LEASE NAME Lusk Deep Unit-A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface Unit N, 2210' FWL & 330' FSL At proposed prod. zone Unit N, 2210' FWL & 330' FSL		9. WELL NO. 16
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 miles West-northwest from Loco Hills, NM		10. FIELD AND POOL, OR WILDCAT Lusk (Delaware) West
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 330' FSL	16. NO. OF ACRES IN LEASE 2245.11	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T-19-S, R-32-E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1090'w/from #14	19. PROPOSED DEPTH 7300'	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3561.9' GL (Unprepared)		13. STATE NM
22. APPROX. DATE WORK WILL START* Upon approval		

PROPOSED CASING AND CEMENTING PROGRAM

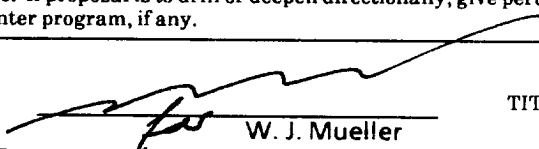
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	875'	1400 sx Class C-Circ. to surface.
12-1/4"	8-5/8"	24#	4500'	1st Stage-Fluid Cal. + 30% "C" Tail w/200 sk; 2nd Stage-Fluid Cal. + 30% "C"-Tail w/200 sk-Circ. to surface
7-7/8"	5-1/2"	15.5#	7300'	Lead-Fluid Cal + 30% "C" Tail-400 sk "C" Neat

Use mud additives as needed for control. BOP equipment. Figure No. 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


W. J. Mueller

TITLE Eng. Supv. Reservoir

DATE 11/03/88

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY Signed by Richard L. Meaus

AREA MANAGER
CARLSBAD RESOURCE AREA

TITLE _____

DATE 12.6.88

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED