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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 10-76

A. Indicate Type of Lease  
 STATE ☒ FEE ☐  
 Lease Oil & Gas Lease No.  
 A-1320

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  
 1. Name of Well: **East Vacuum Grayburg/San Andres Unit**  
 2. Type of Well: DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
 3. Name of Operator: **PHILLIPS PETROLEUM COMPANY**  
 4. Address of Operator: **ROOM 401, 4001 PENBROOK STREET, ODESSA, TEXAS 79762**  
 5. Location: **B** **1180** **North**  
 6. Section: **1480** **East** **32** **17-S** **35-E**  
 7. County: **Lea**  
 8. Depth: **4900'** **Grayburg/San Andres** **Rotary**  
 9. Approx. Date Work will start: **Upon Approval**  
 10. Ground (Unprepared) **Blanket** **Advise Later**

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#-H-40	350' (675 sx Cl H w/2% CaCl <sub>2</sub> & circ to surface)		
12-1/4" x 8-5/8"	7"	23#, K-55	4900' (1/4# Flocele/sx in 1st 150 sx) (suff TRLW w/12# salt/sx w/10% DD and 1/4# sx Flocele plus 3# Gilsonite/sx followed by 260 sx Cl H cement w/8# salt/sx to circ at surface).		

NOTE: If excessive waterflow is encountered in salt section, 9-5/8", 40#, N80 intermediate casing will be set at approx. 3010'; cemented to surface w/cement of quality adequate to control waterflow & protect casing string.

RE: N.M.O.C.D. Order No. 5897: Administrative approval requested as provided by Rule 8 of Order (4). The location herein is required due to topographical circumstances. The original loc approved within Order (3) was 1330' FN&E lines of the above sec. (Confirming telecon McL/Ramey 1-22-79)

(This well is in same proration unit as Well No. 033)

Use Mud Additives as Required for Control.

BOP: Series 900, 3000# WP, double w/one set pipe rams and one set blind rams.

APPROVAL VALID  
 FOR 90 DAYS UNLESS  
 DRILLING COMMENCED

EXPIRES July 20, 1979

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF DRILLING TO DEPTH OF 1000 FEET OR MORE. IF PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE.

I hereby certify that the information above is true and correct to the best of my knowledge and belief.

J. Mueller Engineering Advisor January 22, 1979  
 APPROVED BY John W. Runyan Geologist DATE APR 20 1979  
 CONDITIONS OF APPROVAL, IF ANY: