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U.S.G.S.
LAND OFFICE
OPERATION

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

1A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
E-1027	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒		-	
c. Name of Operator Phillips Petroleum Company		8. Farm or Lease Name	
d. Location of Well Room 711, Phillips Bldg., Odessa, Texas 79761		Ranger	
e. Location of Well UNIT LETTER J LOCATED 1978' FEET FROM THE east LINE AND 1979' FEET FROM THE south LINE OF SEC. 23 TWP. 12-S RSE. 34-E NMPM		9. Well No.	
		3	
		10. Field and Pool, or Wildcat	
		Ranger Lake Bough	
		11. County	
		Lea	
		12. Formation	
		Bough C	
		13. Rotary or C.T.	
		-	
14. Approx. Date Work will start		upon approval	
4160' RKB		blanket	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	27.1#, 48#	353'	(375 sx reg. Circ at surface)	
11"	8 5/8"	24#, 32#	4225'	(660sx reg w/40%DD, 150sx reg. Circ at surface)	
7 7/8"	5 1/2"	14#, 15.5#, 17#	10371.47'	(720' sx Incor 40%DD, 100 sx Sloset. (Temp survey TOC at 855'))	

Well originally drilled to 10370', completed in Ranger Lake Penn Pool. Propose setting BP at 10,200', abandon Penn perfs 10238-344'; perf Bough C approx 9941-60', test and complete in Bough C.

BOP Equipment: Series 900, 3000#WP, one set blind and one set pipe rams, manually operated.

THE SPACE DESCRIBED IN PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE.

W. J. Mueller Senior Reservoir Engineer Date 3-14-75

John W. Runyan DATE

0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200 4500 4800 5100 5400 5700 6000	Certificate No.
	679