

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5. Indicate Type of Lease
☒ 574 Es ☒ FEB 1969
 5. State Oil & Gas Lease No. **E 1027-1**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name Ranger Lake Unit	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> 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"/>		8. Farm or Lease Name Ranger Lake Unit, Tr.2	
2. Name of Operator Phillips Petroleum Company		9. Well No. 14	
3. Address of Operator Room B-2, Phillips Building, Odessa, Texas 79760		10. Field and Pool, or Wildcat Ranger Lake Penn	
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE south LINE AND 1980 FEET FROM THE west LINE OF SEC. 23 TWP. 12-S RGE. 34-E NMPM		12. County Lea	
19. Proposed Depth 12900' PSTD		19A. Formation Pennsylvanian	
20. Rotary or C.T. —		21. Elevations (Show whether DF, RT, etc.) 4149' GR - 4159 DF	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor —	
22. Approx. Date Work will start Upon approval			

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#	358'	400sx reg 2%CaCl2	Circulated
11"	8-5/8"	32#	4205'	385sx pozmix 5%gal-TOC	@ 3005'
7-7/8"	4-1/2"	11.6# & 13.5#	12907'	200sx pozmix 8%gal-TOC	@ 9140'

Propose setting CIBP at approximately 12,900', dump cement on top of plug, and perforate and test Penn between approximately 10,224' and 10,326'. Complete as oil well if productive. Well spots in same proration unit assigned to Ranger Lake Unit, Tract 2 - Well No. 9.

NOTE: See Form C-104 dated 7-23-69 on this well. Acquired well from Texas Pacific Oil Company for plug back purposes. It was formerly operated by Texas Pacific as their West Ranger Unit Well No. 2 in the West Ranger Lake-Devonian-gas field but is depleted in that zone and SI-temporarily abandoned.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed R. J. Stringer **R.J. Stringer** Title **Associate Reservoir Engineer** Date **7-23-69**

(This space for State Use)

APPROVED BY John W. Runyan TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 4 1969