

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

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-1027	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work				7. Unit Agreement Name	
Type of Well				8. Farm or Lease Name	
DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				Ranger	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Re-entry & convert to sand SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				9. Well No. 6	
Name of Operator Phillips Oil Company				10. Field and Pool, or Wildcat Ranger Lake Bough	
Address of Operator Room 401, 4001 Penbrook St., Odessa, Texas 79762				12. County Lea	
Location of Well				19. Proposed Depth	
UNIT LETTER N LOCATED 1978 FEET FROM THE West LINE				10358	
660 FEET FROM THE South LINE OF SEC. 23 TWP. 12-S RGE. 34-E NMPM				19A. Formation Bough	
				20. Rotary or C.T. Workover Unit	
Elevations (Show whether DF, KT, etc.) 4147' GR., 4159' RKB.				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
----	13-3/8"	27#, 48#	358'	375 sx	Circulated
----	8-5/8"	32#, 34#	4226'	691 sx	Circulated
	5-1/2"	15# J-55, 20# N-80	10,369'	560 sx	500'

Per Order R-7620, Re-enter and complete for SWD as follows:

1. MI DD unit, reverse unit, BOP and 10,500' of 2-7/8" OD, 6.5#/ft., N80 8rd EUE workstring. Phillips supervisor to hold safety meeting.
2. GIH with a 4-5/8" bit on 2-7/8" workstring and drill out cement plugs. Proceed to the top of the bridge plug set at 10,200' and circulate hole clean. Pressure test casing to 1000 psi. Squeeze procedure will follow if required.
3. Drill out BP @ 10,200' and clean out to 10,358'. COOH.
4. GIH with casing scraper on 2-7/8" workstring. Work scraper from 10,200' to 9900'. COOH.
5. GIH with an RTTS type packer on 2-7/8" workstring. Set RTTS @ 10,100'
6. Load tbg/csg annulus and pressure test RTTS and casing to 1000 psi. Hold test pressure during the following acid treatment.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

by Shirley M. Lawrence Title Regulation & Proration Supervisor Date 9-13-84

(This space for State Use)

ORIGINAL SIGNED BY JURY SESSION

DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE SEP 18 1984

CONDITIONS OF APPROVAL, IF ANY: