

Submit to Appropriate
District Office
State Leases - 6 copies
Fee Leases - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-025-31418
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. NM-E-906
7. Lease Name or Unit Agreement Name Ranger
8. Well No. 17
9. Pool name or Wildcat Ranger Lake, West-Atoka Gas Wildcat

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____					
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DEEP RESER. ☐ OTHER _____					
2. Name of Operator Phillips Petroleum Company					
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762					
4. Well Location Unit Letter <u>M</u> : <u>660</u> Feet From The <u>West</u> Line and <u>860</u> Feet From The <u>South</u> Line Section <u>26</u> Township <u>12-S</u> Range <u>34-E</u> NMPM Lea County					
10. Date Spudded 2-15-94	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.) 2-21-94	13. Elevations (DF& RKB, RT, GR, etc.) 4150' GL; 4181' RKB	14. Elev. Casinghead	
15. Total Depth 14,100'	16. Plug Back T.D. 12,730'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-TD	19. Producing Interval(s), of this completion - Top, Bottom, Name 11,675- 11,696'	
21. Type Electric and Other Logs Run				20. Was Directional Survey Made No	
22. Was Well Cored Yes					

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	420'	26"	1000 sxs C1 C	Surface
13-3/8"	68#	4200'	17-1/2"	2100 sxs C1 C	Surface
9-5/8"	53.5# 47#	13800'	12-1/4"	1000 sxs C1 H	Surface
2nd Stg. 1600 sxs C1 H				8130'	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	11,523'	11,523'

26. Perforation record (interval, size, and number) 11,675'-11,694'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION							
Date First Production 2-22-94		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 2-24-94	Hours Tested 24 hrs.	Choke Size 30/64	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 750	Water - Bbl. 4	Gas - Oil Ratio --
Flow Tubing Press. 650#	Casing Pressure Pkr.	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Abe Scott
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30. List Attachments C-104, C-122 w/attachments
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31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief			
Signature <u>L. M. Sanders</u>	Printed Name <u>L. M. Sanders</u>	Title <u>Supervisor Reg. Affairs</u>	Date <u>2-25-94</u>

2A W Ranger Lake Extension dr

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates 2827 (+1354)
 T. 7 Rivers _____
 T. Queen 3560 (+621)
 T. Grayburg _____
 T. San Andres 4164 (+17)
 T. Glorieta 5556 (-1375)
 T. Paddock _____
 T. Blinberry _____
 T. Tubb 7016 (-2835)
 T. Drinkard _____
 T. Abo 7736 (-3555)
 T. Wolfcamp 9152 (-4971)
 T. Penn _____
 T. Cisco (Bough C) 9972 (-5791)
 T. Canyon _____
 T. Strawn _____
 T. Atoka 10401 (-7220)
 T. Miss 11796 (-7615)
 T. Devonian 12832 (-8651)
 T. Silurian _____
 T. Montoya _____
 T. Simpson 13798 (-9617)
 T. McKee _____
 T. Ellenburger 13886 (-9705)
 T. Gr. Wash 13940 (-9759)
 T. Delaware Sand _____
 T. Bone Springs _____
 T. Rustler 1990 (+219)
 T. Bough 89943 (-5762)
 T. Ranger Lake 10210 (-8029)
 T. Woodford 12784 (-8603)

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____
 T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to
 No. 2, from to
 No. 3, from to
 No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	4180	4180	Shale, Salts & Anhydrite	12780	12815	35	Shale
4180	5000	820	Dolomite & minor amounts of Shale	12815	13800	985	Dolomite, Cherts
5000	5620	620	Limestone & minor shale	13800	13900	100	Shales & Dolomite
5620	8000	2380	Limestone, Anhydrite, small amounts of shale & sand	13900	13940	40	Dolomite
8000	9250	1250	Shale, Dolomite Anhydrite	13940	TD	160	Granite-Metamorphosed
9250	11150	1900	Limestone w/small amount of shale & chert				
11150	12780	1630	Limestone, Sand & Shale with minor amounts of chert				