

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 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

Form C-105
Revised 1-1-89

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

WELL API NO.	30-025-31931
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-906-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Ranger				
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____					
2. Name of Operator Phillips Petroleum Company	8. Well No. 20				
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762	9. Pool name or Wildcat West Ranger Lake (Devonian)				
4. Well Location Unit Letter <u>D</u> : <u>810</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>26</u> Township <u>12-S</u> Range <u>34-E</u> NMPM <u>Lea</u> County					
10. Date Spudded 5-1-93	11. Date T.D. Reached 6-23-93	12. Date Compl. (Ready to Prod.) 8-12-93	13. Elevations (DFA & RKB, RT, GR, etc.) 4151' GL; 4166' DF	14. Elev. Casinghead	
15. Total Depth 13,250'	16. Plug Back T.D. 12,880'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Cable Tools 0-TD	19. Producing Interval(s), of this completion - Top, Bottom, Name 12,851'-12,868' (Devonian)	20. Was Directional Survey Made No
21. Type Electric and Other Logs Run DSN/LDT, DIL/GR/CAL; DLL/GR/CAL				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
13-3/8"	54.5#	435'	17-1/2"	500 sx C	Surface
8-5/8"	54.5#	4200'	12-1/4"	1225 sx C	Surface
5-1/2"	20#	13250'	7-7/8"	425 sx H	6195 (TS)
			2nd Stg.: DV Tool	950 sx H 50/50 Poz @9510' + 12012'	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	12,750'	12,750'

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
13,214'-13,235'	4 SPF	42 Shots (CIBP)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13,030'-13,036'	2 SPF	12 Shots (CIBP)		13214-13235	CIBP 13170' 20' Cmt. on
12,858'-12,920'	2 SPF	124 Shots (Sqz'd)		13030-13036	CIBP 13015' 20' Cmt. on
12,851'-12,868'	4 SPF	144 Shots		13030-13036	550 gals of 15% HCL

28. PRODUCTION 12858-12920 Sqz'd w/50 sx H							
Date First Production 8-13-93	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Shut-in			
Date of Test 8-15-93	Hours Tested 54 Hr.	Choke Size 12/64	Prod'n For Test Period	Oil - Bbl. 85	Gas - MCF 2614	Water - Bbl. 14	Gas - Oil Ratio 30752
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 49.50	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold (Waiting on gas line connection)

Test Witnessed By
John West Engineering

30. List Attachments
Logs

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 L M Sanders Printed Name L. M. Sanders Title Supv. Regulatory Affairs Date 08-24-93

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		Northwestern New Mexico	
T. Rustler -1983(+2186)	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 11,385 (-7216)	T. Pictured Cliffs	T. Penn. "D"
T. Yates -2822 (+1347)	T. Miss 11,840 (-7671)	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian 12,818(-8649)	T. Menefee	T. Madison
T. Queen -3552 (+617)	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres -4165 (-4)	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta -5500 (-1321)	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb -7015 (-2846)	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 7730 (-3561)	T.	T. Wingate	T.
T. Wolfcamp 9140 (-4971)	T.	T. Chinle	T.
T. Penn 9888 (-5719)	T.	T. Permian	T.
T. Cisco (Bough C) 9940 (-5771)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 3, from.....to.....
No. 2, 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	4200	4200	Anhydrite, Shale, Sand and Salts				
4200	5000	800	Dolomite w/minor shale				
5000	5500	500	Limestone				
5500	9200	3700	Dolomite, Shale, Anhydrite and Minor Sand				
9200	11400	1200	Limestone and Shale				
11400	11800	400	Limestone, Sand & Shale				
11800	12830	1030	Limestone and Shale				
12830	13250	420	Dolomite and Chert				