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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: E906

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEPEN [ ] PLUG BACK [X] DIFF. RESVR [XX] OTHER

7. Unit Agreement Name: -

8. Farm or Lease Name: West Ranger Lake Unit

9. Well No.: 1

2. Name of Operator: Phillips Petroleum Company

10. Field and Pool, or Wildcat: Ranger Lake - Bough

3. Address of Operator: Room B-2, Phillips Bldg., Odessa, Texas 79760

4. Location of Well: UNIT LETTER C LOCATED 1980 FEET FROM THE West LINE AND 660 FEET FROM THE North LINE OF SEC. 26 TWP. 12-S RGE. 34E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
4-30-67 Dril PB 7-17-70	7-23-67 Dril PB 7-17-70	7-23-70	4146' Gr.	4144'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
12894	9995'	—	→	0-12894	—

24. Producing Interval(s), of this completion — Top, Bottom, Name: Top - 9936; Bottom 9995'; Bough "C"

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Ran Guns Gamma Ray Neutron

27. Was Well Cored: Yes

28. 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#	363'	17-1/2"	(400 sx Class A w/2% $CaCl_2$ Tuflag) 1st 200 sx. Circ 75 sx.)	—
8-5/8"	32#	4200'	11"	(400 sx Class A. TOCC 3150')	—
5-1/2"	17#, 20#	12,828'	7-7/8"	(560 sx Class A [illegible] Class A Trinity Lite Wate RECORD TOCC 7200')	—

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
—				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	9977'	9819'

31. Perforation Record (Interval, size and number)

9939-9944' = 5' = 10 1/2" holes
9951-9957' = 6' = 12 " "
9972-9978' = 6' = 12 " "
17' 34 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9939-9978'	1000 gals 15% NE acid

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
7-23-70	Swabbing	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
7-27-70	12	—		100	100	123	1000 (est)

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity - API (Corr.)
—	—		200	200	246	38

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold

Test Witnessed By: C. W. Measman

35. List of Attachments: Core analysis and logs previously furnished NMOCC.

36. 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.

SIGNED R. J. Stringer TITLE Reservoir Engineer DATE 7-30-70

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 30 through 34 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. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. ~~Woodford~~ 11,883 ~~12,818~~		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian 12,830		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres 4163		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta 5560		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb 7020		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo 7750		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp 9160		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C) 9936		T.		T. Penn. "A"		T.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	365	365	Caliche, surface sand				
365	1070	705	Redbeds				
1070	3800	2730	Anhydrite, salt				
3800	4146	346	Anhydrite				
4146	4200	54	Lime, anhydrite				
4200	7751	3551	Lime				
7751	7894	143	Shale				
7894	8101	207	Lime, shale				
8101	10,210	2109	Lime				
10,210	10,300	90	Lime, shale				
10,300	11,064	764	Lime				
11,064	11,145	81	Lime, shale				
11,145	11,226	81	Lime				
11,226	11,298	72	Lime, chert				
11,298	12,348	103	Lime				
12,348	12,833	485	Lime, shale				
12,833	12,894	61	Dolomite - T.D.				
	9,995		PBTD				