

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

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 ☒ Fee ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

West Ranger Unit

9. Well No.

2

10. Field and Pool, or Wildcat

Wildcat

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator **Phillips Petroleum Co.**

SUB: **TEXAS PACIFIC OIL COMPANY**

3. Address of Operator

P.O. Box 1069 - Hobbs, New Mexico

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

15. Date Spudded

5-27-66

16. Date T.D. Reached

8-1-66

17. Date Compl. (Ready to Prod.)

8-13-66

18. Elevations (DF, RKB, RT, GR, etc.)

4149' GR ; 4159' DF

19. Elev. Casinghead

--

20. Total Depth

12,940'

21. Plug Back T.D.

--

22. If Multiple Compl., How

--

23. Intervals

Drilled By

Rotary Tools

Surf. To TD

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

OH 12,907-12,940' Devonian

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run

MLL; LL; BSGR

27. Was Well Cored

No

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"	48#	358'	17-1/2"	400 ska. rag + 2% CA CL	
8-5/8"	32#	4205'	11"	385 ska. powder + 5% Gal	
4-1/2"	13.5 & 11.6	12,907'	7-7/8"	800 ska. powder + 8% Gal	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	12,936'	

31. Perforation Record (Interval, size and number)

None

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

DEPTH INTERVAL **12,907-12,940'** AMOUNT AND KIND MATERIAL USED **Spot 500 gal. acid.**

33. PRODUCTION

Date First Production 8-13-66		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing - Back Pressure				Well Status (Prod. or Shut-in) Shut-In	
Date of Test 8-19-66	Hours Tested 24 hr.	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. 2657 SI	Casing Pressure 3279 SI	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 2270 A.O.F.	Water - Bbl.	Oil Gravity - API (Corr.) 56.5	

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

Vented

Test Witnessed By

35. List of Attachments

C-103; C-104; Logs.

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

TITLE

Area Superintendent

DATE

8-25-66

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

Elev. 4159' DF Southeastern New Mexico

Northwestern New Mexico

T. Anhy 1986 + 2173	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 2816 + 1343	T. Miss Lime 12201-8042	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian 12893-8734	T. Menefee	T. Madison
T. Queen 3540 + 619	T. Strawn 12897-8720	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4149 + 10	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb 7013 - 2854	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo 7766 - 3607	T. Bone Springs	T. Wingate	T.
T. Wolfcamp 9147 - 4988	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Permian (Bough) 9932-5773	T.	T. Penn. "A"	T.

Ranger Lake Penn 10217-6058
Chester 11906-7747

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1725	1725	Red Bed	11631	11663	32	Lime, Shale & Chert
1725	2063	338	Red Bed & Anhydrite	11663	12282	619	Lime & Shale
2063	3440	1377	Anhydrite	12282	12334	52	Lime, Shale & Chert
3440	3712	272	Anhydrite & Lime	12334	12426	92	Lime & Chert
3712	3855	143	Lime & Gyp	12426	12441	15	Lime, Chert & Shale
3855	7697	3842	Lime	12441	12578	137	Lime & Chert
7697	7898	201	Lime & Shale	12578	12638	60	Lime & Shale
7898	8160	262	Shale	12638	12855	217	Lime, Chert & Shale
8160	8486	326	Shale & Lime	12855	12876	21	Lime & Chert
8486	10055	1569	Lime	12876	12880	4	Shale
10055	10100	45	Lime & Shale	12880	12892	12	Lime & Shale
10100	10103	3	Lime	12892	12940	48	Lime & Chert
10103	10695	592	Lime & Shale				
10695	11225	530	Lime				
11225	11237	12	Lime & Shale				
11237	11305	68	Lime				
11305	11405	100	Lime, Chert & Shale				
11405	11516	111	Lime				
11516	11593	77	Lime, Shale & Chert				
11593	11631	38	Lime & Shale				