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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 ☒ Fee ☐

5. State Oil & Gas Lease No.
K1027-1

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name —	
b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ OTHER ☐		8. Farm or Lease Name Ranger Lake Unit, Tract	
2. Name of Operator Phillips Petroleum Company		9. Well No. 11	
3. Address of Operator Room B-2, Phillips Building, Odessa, Texas 79760		10. Field and Pool, or Wildcat Ranger Lake Penn	
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		12. County Lea	
15. Date Spudded Plug back 8-29-69	16. Date T.D. Reached Plugback compl. 9-1-69	17. Date Compl. (Ready to Prod.) (perforated) 8-29-69	18. Elevations (DF, RKB, RT, GR, etc.) 4149' GR, 4159' DF
19. Elev. Casinghead —	23. Intervals Drilled By 0-12940		
20. Total Depth 12940'	21. Plug Back T.D. 12794'	22. If Multiple Compl., How Many —	25. Was Directional Survey Made No
24. Producing Interval(s), of this completion — Top, Bottom, Name Penn - 10224' top, 10326' bottom			27. Was Well Cored No
26. Type Electric and Other Logs Run MLL, LL, ESGR, (run by Texas Pacific and furnished OCC by them)			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13-3/8"	48#	358'	17-1/2"
8-5/8"	32#	4205'	11"
4-1/2"	13.5#, 11.6#	12907'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
400 sx reg 2% CaCl2		—	
385 sx Pomix w/5% gel		—	
800 sx Pomix w/8% gel		—	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
—	—	—	—
30. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
2-3/8"	10204'	10196'	
31. Perforation Record (Interval, size and number) per foot 1 - 3/8" jet shot 10224-30', 10288-94', 10434-42', 10310-14', 10248-55', 10322-26' 10264-68', 10280-84' total 43', 43 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
10224-10326'		5000 gals 15% acid	
33. PRODUCTION			
Date First Production 9-2-69	Production Method (Flowing, gas lift, pumping — Size and type pump) Kobe pump 2" x 1.6" x 1.3"		Well Status (Prod. or Shut-in) Producing
Date of Test 9-29-69	Hours Tested 24	Choke Size —	Prod'n. For Test Period 15
Flow Tubing Press. —	Casing Pressure —	Calculated 24-Hour Rate —	Oil — Bbl. 15
Gas — MCF 13.5		Water — Bbl. 285	Gas — Oil Ratio 902
Oil Gravity — API (Corr.) 39.3			
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By G. W. Mossman
35. List of Attachments (Note: Set Baker CIBP at 12800', dumped cement on top to 12794'. New PETD 12794'. Devonian abandoned).			
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 W. J. Mueller TITLE Associate Reservoir Engineer DATE 10-2-69			

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 quadruplicate 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	1986	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Kirtland-Fruitland	T. Penn. "C"
T. Salt		T. Pictured Cliffs	T. Penn. "D"
T. Yates	2816	T. Cliff House	T. Leadville
T. 7 Rivers		T. Menefee	T. Madison
T. Queen	3510	T. Point Lookout	T. Elbert
T. Grayburg		T. Mancos	T. McCracken
T. San Andres	4149	T. Gallup	T. Ignacio Qtzite
T. Glorieta		T. McKee	T. Granite
T. Paddock		T. Ellensburg	
T. Blinberry	7013	T. Gr. Wash	
T. Tubb		T. Granite	
T. Drinkard	7766	T. Delaware Sand	
T. Abo		T. Bone Springs	
T. Wolfcamp	9147	T. Wingate	
T. Penn.	9932	T. Chinle	
T. Permian		T. Permian	
T. (Bought)		T. Penn. "A"	
Hanger Lake Penn 10217			
11906			
FORMATION RECORD (Attach additional sheets if necessary)			

From	To	Thickness in Feet	Formation
0	1725	1725	redbeds
1725	2063	338	redbeds, anhydrite
2063	3440	1377	anhydrite
3440	3712	272	anhydrite, lime
3712	3855	143	lime, gyp
3855	7697	3842	lime
7697	7898	201	lime, shale
7898	8160	262	shale
8160	8486	326	shale, lime
8486	10055	1569	lime
10055	10100	45	lime, shale
10100	10103	3	lime
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
11631	12892	12661	lime, shale, chert
12892	12880	12	lime, shale
12880	12876	4	shale
12876	12855	21	lime, chert
12855	12838	17	lime, chert, shale
12838	12638	200	lime, shale
12638	12441	197	lime, chert
12441	12426	15	lime, chert, shale
12426	12334	92	lime, chert
12334	12282	52	lime, shale, chert
12282	11663	619	lime, shale, chert
11663	12892	12229	lime, shale, chert