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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.

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
C. D. Woolworth

9. Well No.
19

2. Name of Operator
Phillips Petroleum Company

10. Field and Pool, or Wildcat
Jalmat Yates

3. Address of Operator
Room 806, Phillips Bldg., Odessa, Texas 79761

4. Location of Well
UNIT LETTER F LOCATED 1650 FEET FROM THE north LINE AND 2310 FEET FROM

11. County
Lea

THE West LINE OF SEC. 26 TWP. 24-S RGE. 36-E NMPM

15. Date Spudded 2-21-76 16. Date T.D. Reached 2-26-76 17. Date Compl. (Ready to Prod.) 3-2-76 perf 18. Elevations (DF, RKB, RT, GR, etc.) 3328' RKB, 3317' Gr. 19. Elev. Casinghead _____

20. Total Depth 3350 21. Plug Back T.D. 3200 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By Rotary Tools 0-3350 Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
Yates-7 Rivers, 2900' top, 3200' bottom

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Schlumberger CNL-FDC-GR-Caliper—dual laterolog

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
8-5/8"	28.55#, X-42	1333	11" (700 sx Class H w/2% CaCl ₂ & 1/4# Floccle circ 100 sx.)		
5-1/2"	15.5#, K-55	3350	7-7/8" (400 sx Class H w/1/4# Floccle/sx. Temp survey TOC at 2550'.)		

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) 2-jet shots per foot @ 3230-35'. 10' = 20 holes. 3097-3101', 4' = 8 holes. 1-jet shot/ft. = 2920-38, 2958-78', 2999-3008', 3032-36, 51' = 51 holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2230-35	500 gals 15% NE HCL acid.
abndnd 3230.35	CI BP @ 3200'
3154-62	500 gals 15% NE HCL acid.
3092-3101	500 gals 15% NE HCL acid.

33. PRODUCTION 2920-3036 2500 gals 15% HCL LST acid.

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

Date of Test _____ Hours Tested _____ Choke Size _____ Prod'n. For Test Period _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Gas - Oil Ratio _____

Flow Tubing Press. _____ Casing Pressure _____ Calculated 24-Hour Rate _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Oil Gravity - API (Corr.) _____

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. List of Attachments
Logs mailed direct by Schlumberger.

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.B. Taylor, Jr. TITLE Staff Director, Reservoir Eng. DATE 3-24-76

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

South-eastern New Mexico

Northwestern New Mexico

Base Quaternary 213	T. Canyon _____	T. Ojo Alame _____	T. Penn. "B" _____
T. Anhy <u>Santa Rosa 420</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. <u>Dewey Lake 812</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
B. <u>Rustler 1226</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. <u>Salado 1480</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. 7 Rivers <u>Tansil 2741</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Queen <u>Yates 2920</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. Grayburg <u>7-Rivers 3151</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. San Andres _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Glorieta _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Paddock _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Blinberry _____	T. Granite _____	T. Todilto _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Abo _____	T. _____	T. Chinle _____	T. _____
T. Wolfcamp _____	T. _____	T. Permian _____	T. _____
T. Penn. _____	T. _____	T. Penn. "A" _____	T. _____
T. Cisco (Bough C) _____	T. _____		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	405	405	Caliche, sand, redbeds				
405	805	400	Anhydrite				
805	981		Anhydrite gyp.				
981	1340		Anhydrite				
1340	1614		Anhydrite, lime, salt				
1614	2344		Salt, anhydrite				
2344	2912		Anhydrite				
2912	3010		Anhydrite, dolomite				
3010	3350		Sand, dolomite				