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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 <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| B 1502 | |

| | | | | | | | | | | | | | |
|--|--|---|--|----------------------------------|--|---|--|--------------------------------|--|---------------------------------|--|--------------------------------|--|
| 1a. TYPE OF WELL | | | | | | | | | | | | 7. Unit Agreement Name | |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. TYPE OF COMPLETION NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ | | | | | | | | | | | | 8. Farm or Lease Name | |
| 2. Name of Operator | | | | | | | | | | | | 9. Well No. | |
| Phillips Petroleum Company | | | | | | | | | | | | 98 | |
| 3. Address of Operator | | | | | | | | | | | | 10. Field and Pool, or Wildcat | |
| Room B-2, Phillips Building, Odessa, Texas 79760 | | | | | | | | | | | | Vacuum Grayburg/San Andres | |
| 4. Location of Well | | | | | | | | | | | | 12. County | |
| UNIT LETTER <u>C</u> LOCATED <u>330</u> FEET FROM THE <u>north</u> LINE AND <u>1980</u> FEET FROM | | | | | | | | | | | | <u>Lea</u> | |
| THE <u>west</u> LINE OF SEC. <u>5</u> TWP. <u>18-S</u> RGE. <u>35-E</u> NMPM | | | | | | | | | | | | | |
| 15. Date Spudded | | 16. Date T.D. Reached | | 17. Date Compl. (Ready to Prod.) | | 18. Elevations (DF, RKB, RT, GR, etc.) | | 19. Elev. Casinghead | | | | | |
| PB 6-6-71 | | PBTD 6-8-71 | | 6-9-71 | | 3962' Gr. | | | | | | | |
| 20. Total Depth | | 21. Plug Back T.D. | | 22. If Multiple Compl., How Many | | 23. Intervals Drilled By | | Rotary Tools | | Cable Tools | | | |
| 6258' | | 4873' | | — | | — | | 0-6258' | | — | | | |
| 24. Producing Interval(s), of this completion — Top, Bottom, Name | | | | | | | | | | 25. Was Directional Survey Made | | | |
| Grayburg/San Andres 4566-4623' | | | | | | | | | | No | | | |
| 26. Type Electric and Other Logs Run | | | | | | | | | | 27. Was Well Cored | | | |
| Gamma Ray Acoustic—Lane Wells | | | | | | | | | | 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" | | 24# | | 1600' | | 12-1/4" | | 700 sx, circ to surface | | — | | | |
| 4-1/2" | | 9.5#, 10.5# | | 6255' | | 7-7/8" | | 800 sx. TOC at 3000' | | — | | | |
| 29. LINER RECORD | | | | | | | | | | | | | |
| SIZE | | TOP | | BOTTOM | | SACKS CEMENT | | SCREEN | | PACKER SET | | | |
| — | | | | | | | | | | — | | | |
| 30. TUBING RECORD | | | | | | | | | | | | | |
| SIZE | | DEPTH SET | | PACKER SET | | | | | | | | | |
| 2-3/8" | | 4658' | | — | | | | | | | | | |
| 31. Perforation Record (Interval, size and number) | | | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | | | |
| 4566-68' = 2' = 4 = 3/8" jet holes/ft. | | | | | | DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED | | | | | | | |
| 4571-75' = 4' = 8 = " " " | | | | | | 4566-4623' 3000 gals 28% acid | | | | | | | |
| 4593-95' = 2' = 4 = " " " | | | | | | | | | | | | | |
| 4612-14' = 2' = 4 = " " " | | | | | | | | | | | | | |
| 4621-23' = 2' = 4 = " " " | | | | | | | | | | | | | |
| 33. Total 12' = 24 holes PRODUCTION | | | | | | | | | | | | | |
| Date First Production | | Production Method (Flowing, gas lift, pumping — Size and type pump) | | | | | | Well Status (Prod. or Shut-in) | | | | | |
| 6-10-71 | | Swabbed and flowed | | | | | | Producing | | | | | |
| Date of Test | | Hours Tested | | Choke Size | | Prod'n. For Test Period | | Oil — Bbl. | | Gas — MCF | | | |
| 6-13-71 | | 10 | | 1" | | — | | 95 | | — | | | |
| Flow Tubing Press. | | Casing Pressure | | Calculated 24-Hour Rate | | Oil — Bbl. | | Gas — MCF | | Water — Bbl. | | | |
| — | | — | | — | | 228 | | — | | — | | | |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | | | | | | | | | | Test Witnessed By | | | |
| Sold | | | | | | | | | | G. W. Mossman | | | |
| 35. List of Attachments | | | | | | | | | | | | | |
| Lane Wells logs previously furnished. | | | | | | | | | | | | | |
| 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 <u>J. Mueller</u> TITLE <u>Senior Reservoir Engineer</u> DATE <u>6-15-71</u> | | | | | | | | | | | | | |

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 <u>1505</u> | 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 <u>2838</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>3752</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg <u>4048</u> | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres <u>4325</u> | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta <u>5850</u> | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinberry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ | T. Granite _____ | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. _____ | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | 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 | 1078 | 1078 | Redbeds | | | | |
| 1078 | 1600 | 522 | Redbeds, anhydrite | | | | |
| 1600 | 2645 | 1045 | Anhydrite | | | | |
| 2645 | 3185 | 540 | Anhydrite, salt | | | | |
| 3185 | 4111 | 926 | Lime | | | | |
| 4111 | 4385 | 274 | Lime, sand | | | | |
| 4385 | 4650 | 265 | Dolomite | | | | |
| 4650 | 4960 | 310 | Lime, sand | | | | |
| 4960 | 5690 | 630 | Lime | | | | |
| 5690 | 6250 | 560 | Lime, chert | | | | |
| 6250 | 6258 | 8 | Lime | | | | |
| | 4873 | | PBTD | | | | |

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OIL CONSERVATION COMM.
HOBBES, N. M.