

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API No. 30-025-29814

|                        |  |
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|                                                                        |
|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                             |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                           |
| B-2229                                                                 |

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION

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

3. Name of Operator

Phillips Petroleum Company

4. Address of Operator

4001 Penbrook Street, Odessa, Texas 79762

5. Location of Well

UNIT LETTER H LOCATED 1980 FEET FROM THE north LINE AND 560 FEET FROMTHE east LINE OF SEC. 35 TWP. 17-S RGE. 33-E NMPM

15. Date Spudded 1-13-87 16. Date T.D. Reached 1-20-87 17. Date Compl. (Ready to Prod.) 2-27-87 (perf'd) 18. Elevations (DF, RKB, RT, GR, etc.) 4127' RKB, 4116' GR 19. Elev. Casinghead --

20. Total Depth 4800' 21. Plug Back T.D. 4618' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-4800' Cable Tools

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

Grayburg-San Andres 4335'-4602'

25. Type Electric and Other Logs Run

DLL-MSFL-GR-Cal; CNL-LDT-GR-Cal; Long Space Sonic

26. Was Directional Survey Made

No

27. Was Well Cored

No

| 28. CASING RECORD (Report all strings set in well) |                |           |           |                                   |  | AMOUNT PULLED |  |
|----------------------------------------------------|----------------|-----------|-----------|-----------------------------------|--|---------------|--|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD                  |  |               |  |
| 8-5/8"                                             | 24# K-55       | 1540'     | 12-1/4"   | 1000 sx C. Circ 195 sx            |  |               |  |
| 5-1/2"                                             | 17# K-55       | 4800'     | 7-7/8"    | 700 sx C, 10% DD, 9#/sx salt      |  |               |  |
|                                                    |                |           |           | 400 sx C, 5#/sx salt. Circ 175 sx |  |               |  |

| 29. LINER RECORD |               |        |              | 30. TUBING RECORD |           |            |  |
|------------------|---------------|--------|--------------|-------------------|-----------|------------|--|
| SIZE             | TOP           | BOTTOM | SACKS CEMENT | SIZE              | DEPTH SET | PACKER SET |  |
|                  | N - O - N - E |        |              | 2-3/8"            | 4608'     | --         |  |

| 31. Perforation Record (Interval, size and number) Perf'd w/4" OD csg gun 2SPF: |             |             | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|---------------------------------------------------------------------------------|-------------|-------------|------------------------------------------------|----------------------------------|
| Interval                                                                        | Size        | Number      | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED    |
| 4335'-4340'                                                                     | 4488'-4492' | 4577'-4586' | 4335'-4670'                                    | 7800 gals 15% NEFE HCL           |
| 4380'-4384'                                                                     | 4513'-4515' | 4594'-4602' | 4335'-4670'                                    | 74,000 gals gelled crosslinked   |
| 4448'-4451'                                                                     | 4533'-4535' |             |                                                | 2% KCL water + 132,000# 20/40snc |
| 4484'-4486'                                                                     | 4542'-4551' |             | 4628'-4670'                                    | Abandoned perfs w/CIBP @ 4618'   |

| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 3-08-87               |                 | 2" x 1-3/4" x 16' tbq pump                                          |                         |            |              | Producing                      |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 3-25-87               | 24              | -                                                                   |                         | 80         | 40           | 175                            | 500             |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| -                     | -               |                                                                     | -                       | -          | -            | 37.2°                          |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| Sold                                                       | D. C. Haynes      |

|                                          |
|------------------------------------------|
| 35. List of Attachments                  |
| Logs furnished direct by logging company |

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 Engineering Supervisor, Reser DATE March 31, 1987

This form is to be filled with the appropriate District Office of the Division not later than \_\_\_\_\_ days after the completion of any newly-filled or deepened well. It shall be accompanied by one copy of all electrical and resistivity logs run in 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 depth shall also be reported. For multiple completions, Items 10 through 14 shall be reported for each zone. The form is to be filled 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. Ancho _____           | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____    |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____    |
| E. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____    |
| T. Yates _____ 2822      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____    |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____      |
| T. Queen _____ 3806      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____       |
| T. Grayburg _____ 4185   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____    |
| T. San Andres _____ 4552 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Quiz _____ |
| 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 _____            | 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. _____              |

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

### FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation         | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-------------------|------|----|----------------------|-----------|
| 0    | 195  | 195                  | Nature            |      |    |                      |           |
| 195  | 838  | 643                  | Red Bed           |      |    |                      |           |
| 838  | 1540 | 702                  | Surface           |      |    |                      |           |
| 1540 | 3550 | 2010                 | Anhy, Salt        |      |    |                      |           |
| 3550 | 3745 | 195                  | Anhy              |      |    |                      |           |
| 3745 | 3930 | 185                  | Anhy, Shale       |      |    |                      |           |
| 3930 | 4110 | 180                  | Anhy, Dolo, Shale |      |    |                      |           |
| 4110 | 4255 | 145                  | Lime, Shale, Dolo |      |    |                      |           |
| 4255 | 4350 | 95                   | Dolo, Shale       |      |    |                      |           |
| 4350 | 4544 | 194                  | Dolo              |      |    |                      |           |
| 4544 | 4620 | 76                   | Lime              |      |    |                      |           |
| 4620 | 4800 | 180                  | Dolo, Lime        |      |    |                      |           |
|      | TD   |                      |                   |      |    |                      |           |

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