

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. 30-025-28439

|                        |  |
|------------------------|--|
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| OPERATOR               |  |

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>B-4118                                                               |

|                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                    |  |
| 2. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  |

|                              |
|------------------------------|
| 7. Unit Agreement Name<br>-- |
| 8. Farm or Lease Name<br>Lea |

|                                                                     |
|---------------------------------------------------------------------|
| 2. Name of Operator<br>Phillips Oil Company                         |
| 3. Address of Operator<br>Room 401, 4001 Penbrook, Odessa, TX 79762 |

|                                                  |
|--------------------------------------------------|
| 9. Well No.<br>32                                |
| 10. Field and Pool, or Wildcat<br>Vacuum (Gb/SA) |

|                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. Location of Well<br>UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM <u>West</u> LINE OF SEC. <u>30</u> TWP. <u>17-S</u> RGE. <u>34-E</u> NMPM |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |
|-------------------|
| 12. County<br>Lea |
|-------------------|

|                              |                                   |                                             |                                                                |
|------------------------------|-----------------------------------|---------------------------------------------|----------------------------------------------------------------|
| 15. Date Spudded<br>12-04-83 | 16. Date T.D. Reached<br>12-12-83 | 17. Date Compl. (Ready to Prod.)<br>3-28-84 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>4085.0' GR 4096' RKB |
| 19. Elev. Casinghead<br>--   | 20. Total Depth<br>4800'          | 21. Plug Back T.D.<br>4758'                 | 22. If Multiple Compl., How Many                               |

|                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------|
| 23. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> |
|-------------------------------------------------------------------------------------------------------------------|

|                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>Grayburg/ San Andres Top: 4234' Bottom: 4800' |
|--------------------------------------------------------------------------------------------------------------------|

|                                       |
|---------------------------------------|
| 25. Was Directional Survey Made<br>No |
|---------------------------------------|

|                                                             |
|-------------------------------------------------------------|
| 26. Type Electric and Other Logs Run<br>CRC ran CBL, GR-CNL |
|-------------------------------------------------------------|

|                          |
|--------------------------|
| 27. Was Well Cored<br>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#            | 357'      | 12-1/2"   | 400 sx Cl "C", 2% CaCl <sub>2</sub> 1#/sx Celloflake, Circ. 100 sx.                                                                    |               |
| 4-1/2"                                             | 11.6#          | 4800'     | 7-7/8"    | 900 sx TLW, 10% DD, 1#/sx cellophane, 3#/sx gil, 12#/sx salt, 400 sx Cl C, 2nd stg: Pmpd 400 sx Cl C Thru Bradenhead, Cmt. to surface. |               |

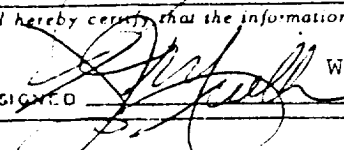
| 29. LINER RECORD |     |               |              | 30. TUBING RECORD |        |           |            |
|------------------|-----|---------------|--------------|-------------------|--------|-----------|------------|
| SIZE             | TOP | BOTTOM        | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET | PACKER SET |
|                  |     | N - O - N - E |              |                   | 2 3/8" | 4642'     | --         |

|                                                                                                                                                                                                                        |                                                |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------|
| 31. Perforation Record (Interval, size and number) Perf'd 5 1/2" csg w/3-3/8" OD gun 2 JSPF @ 4490-4500'; 4508-16'; 4522-38'; 4542-52'; 4570-74'; 4604-24'; 4630-34'; 4640-44'; 4690-4702'; 4707-13', (94', 188 holes) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                  |
|                                                                                                                                                                                                                        | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                                    |
|                                                                                                                                                                                                                        | 4690-4713'                                     | Trt'd w/4000 gals 15% NEFE HCL w/stabilizers & 20 BS             |
|                                                                                                                                                                                                                        | 4490-4644'                                     | Frac'd w/60000 gals refined oil 56000# 20/40 & 24000# 10/20 sand |

| 33. PRODUCTION                   |                       |                                                                                                       |                               |                  |                    |                                             |                        |
|----------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------|-------------------------------|------------------|--------------------|---------------------------------------------|------------------------|
| Date First Production<br>3-29-84 |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>2"x1 1/2"x18' 3 Tube Sand Pump |                               |                  |                    | Well Status (Prod. or Shut-in)<br>Producing |                        |
| Date of Test<br>4-25-84          | Hours Tested<br>24    | Choke Size<br>--                                                                                      | Prod'n. For Test Period<br>-- | Oil - Bbl.<br>78 | Gas - MCF<br>76    | Water - Bbl.<br>36                          | Gas - Oil Ratio<br>973 |
| Flow Tubing Press.<br>--         | Casing Pressure<br>-- | Calculated 24-Hour Rate<br>--                                                                         | Oil - Bbl.<br>--              | Gas - MCF<br>--  | Water - Bbl.<br>-- | Oil Gravity - API (Corr.)<br>36.4           |                        |

|                                                                    |                                 |
|--------------------------------------------------------------------|---------------------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold | Test Witnessed By<br>B.E. Allen |
|--------------------------------------------------------------------|---------------------------------|

|                                                                     |
|---------------------------------------------------------------------|
| 35. List of Attachments<br>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<br>                                            | W.J. Mueller<br>Sr. Engineering Specialist | DATE<br>4-27-84 |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 radioactivity 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

|                     |                      |                       |                  |
|---------------------|----------------------|-----------------------|------------------|
| Chinle 242'         | T. Canyon            | T. Ojo Alamo          | T. Penn. "B"     |
| Rustler 1487'       | T. Strawn            | T. Kirtland-Fruitland | T. Penn. "C"     |
| B. Salt             | T. Atoka             | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yates 2827'      | T. Miss              | T. Cliff House        | T. Leadville     |
| T. 7 Rivers         | T. Devonian          | T. Menefee            | T. Madison       |
| T. Queen 3837'      | T. Silurian          | T. Point Lookout      | T. Elbert        |
| T. Grayburg 4234'   | T. Montoya           | T. Mancos             | T. McCracken     |
| T. San Andres 4644' | T. Simpson           | T. Gallup             | T. Ignacio Qtzte |
| T. Glorieta         | T. McKee             | Base Greenhorn        | T. Granite       |
| T. Paddock          | T. Ellenburger       | T. Dakota             | T.               |
| T. Elinebry         | 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. Gb Zone I 4400'   | T. Chinle             | T.               |
| T. Penn.            | T. Gb Zone II 4486'  | T. Permian            | T.               |
| T. Cisco (Beugh C)  | T. Gb Zone III 4557' | 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..... |

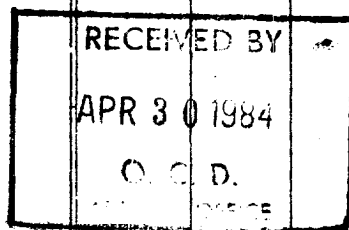
## IMPORTANT WATER SANDS

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 in Feet | Formation    | From | To | Thickness in Feet | Formation |
|------|------|-------------------|--------------|------|----|-------------------|-----------|
| 0    | 350  | 350               | Surface      |      |    |                   |           |
| 350  | 1425 | 1075              | Redbed       |      |    |                   |           |
| 1425 | 2875 | 1450              | Anhy. & salt |      |    |                   |           |
| 2875 | 3205 | 330               | Anhy.        |      |    |                   |           |
| 3205 | 3290 | 85                | Anhy & Lime  |      |    |                   |           |
| 3290 | 3526 | 236               | Anhy         |      |    |                   |           |
| 3526 | 3626 | 100               | Anhy & Lime  |      |    |                   |           |
| 3626 | 3715 | 89                | Anhy         |      |    |                   |           |
| 3715 | 3987 | 272               | Anhy & Lime  |      |    |                   |           |
| 3987 | 4095 | 108               | Lime         |      |    |                   |           |
| 4095 | 4790 | 695               | Anhy & Lime  |      |    |                   |           |
| 4790 | 4800 | 10                | Lime         |      |    |                   |           |
|      | TD   |                   |              |      |    |                   |           |



O. C. D.  
DISTRICT OFFICE