

## C CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API No. 30-025-27650

|                        |  |
|------------------------|--|
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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-2148                                                                 |

|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|---------------------------|-----------------|
| 10. TYPE OF WELL                                                                                                                        |                                                                     | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |                                                                                                    | 7. Unit Agreement Name         |                                 |                           |                 |
| b. TYPE OF COMPLETION                                                                                                                   |                                                                     | 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"/> |                                                                                                    | 8. Farm or Lease Name          |                                 |                           |                 |
| 2. Name of Operator                                                                                                                     |                                                                     | Phillips Petroleum Company                                                                                                                                                                                              |                                                                                                    | 9. Well No.                    |                                 |                           |                 |
| 3. Address of Operator                                                                                                                  |                                                                     | 4001 Penbrook, Odessa, Texas 79762                                                                                                                                                                                      |                                                                                                    | 10. Field and Pool, or Wildcat |                                 |                           |                 |
| 4. Location of Well                                                                                                                     |                                                                     |                                                                                                                                                                                                                         |                                                                                                    | Maljamar Gb/SA                 |                                 |                           |                 |
| UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>1650</u> FEET FROM                                       |                                                                     |                                                                                                                                                                                                                         |                                                                                                    | 12. County                     |                                 |                           |                 |
| THE <u>west</u> LINE OF SEC. <u>24</u> TWP. <u>17-S</u> RGE. <u>33-E</u> NMPM                                                           |                                                                     |                                                                                                                                                                                                                         |                                                                                                    | <u>Lea</u>                     |                                 |                           |                 |
| 15. Date Spudded                                                                                                                        | 16. Date T.D. Reached                                               | 17. Date Compl. (Ready to Prod.)                                                                                                                                                                                        | 18. Elevations (DF, RKB, RT, GR, etc.)                                                             | 19. Elev. Casinghead           |                                 |                           |                 |
| 1-30-82                                                                                                                                 | 2-13-82                                                             | 3-1-82                                                                                                                                                                                                                  | 4107' GL, 4118' KB                                                                                 | --                             |                                 |                           |                 |
| 20. Total Depth                                                                                                                         | 21. Plug Back T.D.                                                  | 22. If Multiple Compl., How Many                                                                                                                                                                                        | 23. Intervals Drilled By                                                                           | Rotary Tools                   | Cable Tools                     |                           |                 |
| 4800'                                                                                                                                   | 4757                                                                |                                                                                                                                                                                                                         |                                                                                                    | X                              |                                 |                           |                 |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                       |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                | 25. Was Directional Survey Made |                           |                 |
| Grayburg/San Andres -- Top: 4184'; Btm: 4800'                                                                                           |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                | No                              |                           |                 |
| 26. Type Electric and Other Logs Run                                                                                                    |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                | 27. Was Well Cored              |                           |                 |
| DLL, RXO, CNL, DCD, NCL, GR Cal                                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                | 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#, K-55                                                           | 350'                                                                                                                                                                                                                    | 12-1/4"                                                                                            | 400 sx Class C                 |                                 |                           |                 |
| 4-1/2"                                                                                                                                  | 11.60#, N-80                                                        | 4800'                                                                                                                                                                                                                   | 7-7/8"                                                                                             | 1050 sx TLW, 250 sx Class "H"  |                                 |                           |                 |
| 29. LINER RECORD                                                                                                                        |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| SIZE                                                                                                                                    | TOP                                                                 | BOTTOM                                                                                                                                                                                                                  | SACKS CEMENT                                                                                       | SCREEN                         |                                 |                           |                 |
|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 30. TUBING RECORD                                                                                                                       |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| SIZE                                                                                                                                    | DEPTH SET                                                           | PACKER SET                                                                                                                                                                                                              |                                                                                                    |                                |                                 |                           |                 |
| 2-3/8"                                                                                                                                  | 4628'                                                               |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 31. Perforation Record (Interval, size and number) Perfd 4-1/2" csg                                                                     |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 4333'-4338' 4488'-4493' w/2 JSPF                                                                                                        |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 4340'-4344' 4495'-4502' 4549'-4555' 4583'-4586'                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 4435'-4438' 4511'-4514' 4558'-4561' 4588'-4590'                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 4468'-4470' 4530'-4533' 4563'-4566' 4631'-4633'                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 4480'-4485' 4535'-4540' 4575'-4578' 138 holes, 69'                                                                                      |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                          |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| DEPTH INTERVAL                                                                                                                          |                                                                     |                                                                                                                                                                                                                         | AMOUNT AND KIND MATERIAL USED                                                                      |                                |                                 |                           |                 |
| 4333-4633'                                                                                                                              |                                                                     |                                                                                                                                                                                                                         | 6000 gals 15% NeFe HCl w/ball sealers. Fraccd w/54,000 gals refined oil and 90,000# 20/40 mesh sd. |                                |                                 |                           |                 |
| 33. PRODUCTION                                                                                                                          |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| Date First Production                                                                                                                   | Production Method (Flowing, gas lift, pumping - Size and type pump) |                                                                                                                                                                                                                         |                                                                                                    |                                | Well Status (Prod. or Shut-in)  |                           |                 |
| 3-10-82                                                                                                                                 | Flowing                                                             |                                                                                                                                                                                                                         |                                                                                                    |                                | Producing                       |                           |                 |
| Date of Test                                                                                                                            | Hours Tested                                                        | Choke Size                                                                                                                                                                                                              | Prod'n. For Test Period                                                                            | Oil - Bbl.                     | Gas - MCF                       | Water - Bbl.              | Gas - Oil Ratio |
| 3-11-82                                                                                                                                 | 24                                                                  | 1/2"                                                                                                                                                                                                                    |                                                                                                    | 187                            | 258                             | 7                         | 1379            |
| Flow Tubing Press.                                                                                                                      | Casing Pressure                                                     | Calculated 24-Hour Rate                                                                                                                                                                                                 | Oil - Bbl.                                                                                         | Gas - MCF                      | Water - Bbl.                    | Oil Gravity - API (Corr.) |                 |
| --                                                                                                                                      | --                                                                  |                                                                                                                                                                                                                         | --                                                                                                 | --                             | --                              | 36.7                      |                 |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                              |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 | Test Witnessed By         |                 |
| Sold                                                                                                                                    |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 | D. Thorp                  |                 |
| 35. List of Attachments                                                                                                                 |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| Log to be furnished 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. |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |
| SIGNATURE <u>W. J. Mueller</u> TITLE <u>Sr. Engr'g Specialist</u> DATE <u>March 15, 1982</u>                                            |                                                                     |                                                                                                                                                                                                                         |                                                                                                    |                                |                                 |                           |                 |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 30 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 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

|                    |       |                  |                       |                  |
|--------------------|-------|------------------|-----------------------|------------------|
| Rustler            | 1482' | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"     |
| T. Salt            |       | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"     |
| D. Salt            |       | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yates           | 2793' | T. Miss          | T. Cliff House        | T. Leadville     |
| T. 7 Rivers        |       | T. Devonian      | T. Menefee            | T. Madison       |
| T. Queen           | 3786' | T. Silurian      | T. Point Lookout      | T. Elbert        |
| T. Grayburg        | 4184' | T. Montoya       | T. Mancos             | T. McCracken     |
| T. San Andres      | 4590' | T. Simpson       | T. Gallup             | T. Ignacio Qtzls |
| 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 in Feet | Formation      | From | To | Thickness in Feet | Formation |
|-------|-------|-------------------|----------------|------|----|-------------------|-----------|
| 0     | 1434' | 1434'             | Redbeds        |      |    |                   |           |
| 1434' | 2156' | 722'              | Redbeds & Anhy |      |    |                   |           |
| 2156' | 2800' | 644'              | Salt & Anhy    |      |    |                   |           |
| 2800' | 4071' | 1271'             | Anhy           |      |    |                   |           |
| 4071' | 4800' | 729'              | Dolo           |      |    |                   |           |
|       |       | 4800'             | TD             |      |    |                   |           |

## INCLINATION REPORT

OPERATOR PHILLIPS ADDRESS 4001 PENBROOK, ODESSA, TX 79763LEASE NAME LEAMEX WELL NO. #31 FIELD LOCATION 

| DEPTH | ANGLE<br>INCLINATION DEGREES | DISPLACEMENT | DISPLACEMENT<br>ACCUMULATED |
|-------|------------------------------|--------------|-----------------------------|
| 352   | 3/4                          | 4.6112       | 4.6112                      |
| 851   | 3/4                          | 6.5369       | 11.1481                     |
| 1376  | 3/4                          | 6.8775       | 18.0256                     |
| 1906  | 1                            | 9.2750       | 27.3006                     |
| 2405  | 3/4                          | 6.5369       | 33.8375                     |
| 2904  | 1                            | 8.7325       | 42.5700                     |
| 3401  | 1 1/4                        | 10.8346      | 53.4046                     |
| 3900  | 1 1/4                        | 10.8782      | 64.2828                     |
| 4071  | 1 1/2                        | 4.4802       | 68.7630                     |
| 4523  | 1 1/2                        | 11.8424      | 80.6054                     |
| 4800  | 2                            | 9.6673       | 90.2727                     |

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

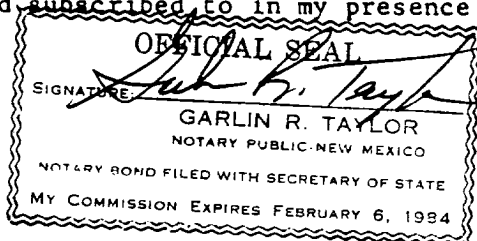
Denise Leake  
TITLE OFFICE MANAGER

## AFFIDAVIT:

Before me, the undersigned authority, appeared DENISE LEAKE known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Denise Leake  
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 15 day of FEBRUARY, 19 82



SEAL

Notary Public in and for the County  
of Lea, State of New Mexico