

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

(See other instructions on reverse side)

Expires August 31, 1985

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

| 1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <u>DM 3:UB</u>                                                                                                 |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 | 5. LEASE DESIGNATION AND SERIAL NO.<br><u>SE-078278</u>                 |               |                     |                                  |             |                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------|---------------------|----------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------|
| 2. NAME OF OPERATOR<br><u>Phillips Petroleum Company</u>                                                                                                                                                                                          |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><u>20-039-24682</u>             |               |                     |                                  |             |                                                                                                                    |
| 3. ADDRESS OF OPERATOR<br><u>300 W. Arrington, Suite 200, Farmington, NM 87401</u>                                                                                                                                                                |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 | 7. UNIT AGREEMENT NAME<br><u>San Juan 29-6 Unit</u>                     |               |                     |                                  |             |                                                                                                                    |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <u>Unit L, 1390' FSL &amp; 1305' FWL</u><br><br>At top prod. interval reported below same as above<br><br>At total depth same as above |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 | 8. FARM OR LEASE NAME                                                   |               |                     |                                  |             |                                                                                                                    |
| 14. PERMIT NO.<br><u>30-039-24682</u>                                                                                                                                                                                                             |                                                                                                                    | DATE ISSUED<br><u>3-28-90</u>                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 | 9. WELL NO.<br><u>225</u>                                               |               |                     |                                  |             |                                                                                                                    |
| 15. DATE SPUDDED<br><u>4-21-90</u>                                                                                                                                                                                                                |                                                                                                                    | 16. DATE T.D. REACHED<br><u>5-05-90</u>                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                 | 10. FIELD AND POOL, OR WILDCAT<br><u>Basin Fruitland Coal Gas</u>       |               |                     |                                  |             |                                                                                                                    |
| 17. DATE COMPL. (Ready to prod.)<br><u>perf'd 5-13-90</u>                                                                                                                                                                                         |                                                                                                                    | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br><u>6531' GR</u>                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                 | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br><u>13, 29N, 6W</u> |               |                     |                                  |             |                                                                                                                    |
| 19. ELEV. CASINGHEAD                                                                                                                                                                                                                              |                                                                                                                    | 12. COUNTY OR PARISH<br><u>Rio Arriba</u>                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                 | 13. STATE<br><u>New Mexico</u>                                          |               |                     |                                  |             |                                                                                                                    |
| 20. TOTAL DEPTH, MD & TVD<br><u>3670'</u>                                                                                                                                                                                                         |                                                                                                                    | 21. PLUG BACK T.D., MD & TVD<br><u>3653'</u>                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                 | 22. IF MULTIPLE COMPLETIONS, HOW MANY?<br><u>1</u>                      |               |                     |                                  |             |                                                                                                                    |
| 23. INTERVALS DRILLED BY<br><u>0-ID</u>                                                                                                                                                                                                           |                                                                                                                    | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP & BOTTOM, NAME (MD AND TVD)*<br><u>3444'-3648' Fruitland Coal</u> |                                                                                                                                                                                                                                                                                                                                                                                                                 | 25. WAS DIRECTIONAL SURVEY MADE<br><u>No</u>                            |               |                     |                                  |             |                                                                                                                    |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><u>GR-CC1</u>                                                                                                                                                                                             |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 | 27. WAS WELL CORRED<br><u>No</u>                                        |               |                     |                                  |             |                                                                                                                    |
| 28. CASING RECORD (List all strings set in well)                                                                                                                                                                                                  |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| CASING SIZE                                                                                                                                                                                                                                       | WEIGHT, LB./FT.                                                                                                    | DEPTH SET (MD)                                                                                                      | HOLE SIZE                                                                                                                                                                                                                                                                                                                                                                                                       | CEMENTING RECORD                                                        | AMOUNT PULLED |                     |                                  |             |                                                                                                                    |
| 9-5/8"                                                                                                                                                                                                                                            | 36#                                                                                                                | 318'                                                                                                                | 12-1/4"                                                                                                                                                                                                                                                                                                                                                                                                         | 250 sx Class "B". Circ 10                                               | sx            |                     |                                  |             |                                                                                                                    |
| 7"                                                                                                                                                                                                                                                | 23#                                                                                                                | 3420'                                                                                                               | 8-3/4"                                                                                                                                                                                                                                                                                                                                                                                                          | 500 sx 65/35 Poz + 150 sx                                               | "B".          |                     |                                  |             |                                                                                                                    |
| 29. LINER RECORD                                                                                                                                                                                                                                  |                                                                                                                    |                                                                                                                     | 30. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |               |                     |                                  |             |                                                                                                                    |
| SIZE                                                                                                                                                                                                                                              | TOP (MD)                                                                                                           | BOTTOM (MD)                                                                                                         | BACKS CEMENT*                                                                                                                                                                                                                                                                                                                                                                                                   | SCREEN (MD)                                                             | SIZE          | DEPTH SET (MD)      | PACKER SET (MD)                  |             |                                                                                                                    |
| 5-1/2"                                                                                                                                                                                                                                            | 3346'                                                                                                              | 3653'                                                                                                               | none                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         | 2-7/8"        | 3624'               | none                             |             |                                                                                                                    |
| 31. PERFORATION RECORD (Interval, size and number)<br><u>5-1/2" liner w/4" OD csg gun 4SPF w/.75 dia.</u><br><u>3444-3464 3635-3648</u><br><u>3568-3588</u><br><u>3588-3600 (total 260 holes)</u>                                                 |                                                                                                                    |                                                                                                                     | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>3428'-3670'</td> <td>39,522 gals gelled water + 112,920 gals 70% quality N<sub>2</sub> Foam + 18,100# 40/70 &amp; 169,600# 12/20 mesh sand</td> </tr> </tbody> </table> |                                                                         |               | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | 3428'-3670' | 39,522 gals gelled water + 112,920 gals 70% quality N <sub>2</sub> Foam + 18,100# 40/70 & 169,600# 12/20 mesh sand |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                               | AMOUNT AND KIND OF MATERIAL USED                                                                                   |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| 3428'-3670'                                                                                                                                                                                                                                       | 39,522 gals gelled water + 112,920 gals 70% quality N <sub>2</sub> Foam + 18,100# 40/70 & 169,600# 12/20 mesh sand |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| 33. PRODUCTION                                                                                                                                                                                                                                    |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| DATE FIRST PRODUCTION                                                                                                                                                                                                                             |                                                                                                                    | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)                                                |                                                                                                                                                                                                                                                                                                                                                                                                                 | WELL STATUS (Producing or shut-in)                                      |               |                     |                                  |             |                                                                                                                    |
| <u>SI</u>                                                                                                                                                                                                                                         |                                                                                                                    | <u>flowing</u>                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| DATE OF TEST                                                                                                                                                                                                                                      | HOURS TESTED                                                                                                       | CHOKES SIZE                                                                                                         | PROD'N. FOR TEST PERIOD                                                                                                                                                                                                                                                                                                                                                                                         | OIL—BSL.                                                                | GAS—MCF.      |                     |                                  |             |                                                                                                                    |
| <u>5-10-90</u>                                                                                                                                                                                                                                    | <u>1</u>                                                                                                           | <u>2"</u>                                                                                                           | <u>→</u>                                                                                                                                                                                                                                                                                                                                                                                                        | <u>0</u>                                                                | <u>3400</u>   |                     |                                  |             |                                                                                                                    |
| WATER—BSL.                                                                                                                                                                                                                                        | GAS-OIL RATIO                                                                                                      |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| <u>1400</u>                                                                                                                                                                                                                                       |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| FLOW. TUBING PRESS. (SI)                                                                                                                                                                                                                          | CASING PRESSURE (SI)                                                                                               | CALCULATED 24-HOUR RATE                                                                                             | OIL—BSL.                                                                                                                                                                                                                                                                                                                                                                                                        | GAS—MCF.                                                                | WATER—BSL.    |                     |                                  |             |                                                                                                                    |
| <u>900</u>                                                                                                                                                                                                                                        | <u>1225</u>                                                                                                        | <u>→</u>                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br><u>SI - waiting on gas connection</u>                                                                                                                                               |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| 35. LIST OF ATTACHMENTS<br><u>Logs furnished direct by logging company</u>                                                                                                                                                                        |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                 |                                                                                                                    |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |               |                     |                                  |             |                                                                                                                    |
| SIGNED <u>L. M. Sanders</u>                                                                                                                                                                                                                       |                                                                                                                    | TITLE <u>Supervisor, Regulatory Affairs</u>                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                 | DATE <u>May 25, 1990</u>                                                |               |                     |                                  |             |                                                                                                                    |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP                                                       | BOTTOM                                                       | DESCRIPTION, CONTENTS, ETC.                                               |
|-----------|-----------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------|
|           | 0<br>3203<br>3223<br>3226<br>3240<br>3324<br>3339<br>3347 | 3203<br>3206<br>3225<br>3228<br>3244<br>3332<br>3345<br>3350 | Sand and shale<br>Coal interval<br>" "<br>" "<br>" "<br>" "<br>" "<br>" " |

38. GEOLOGIC MARKERS

| NAME                | TOP         |                  |
|---------------------|-------------|------------------|
|                     | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo           | 2766        | +3993            |
| Kirtland shale      | 2992        | +3767            |
| Fruitland Form.     | 3334        | +3425            |
| Fruitland Coal      | 3429        | +3330            |
| Base Fruitland Coal | 3656        | +3103            |