

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                                  |                            |                                                                                    |                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------|------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                  |                            | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF 077950                                   |                              |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR <input type="checkbox"/> Other <input type="checkbox"/> |                            | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                               |                              |
| 2. NAME OF OPERATOR<br>El Paso Natural Gas Company                                                                                                                                                                                               |                            | 7. UNIT AGREEMENT NAME<br>Huerfano Unit                                            |                              |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 4289, Farmington, NM 87499                                                                                                                                                                                   |                            | 8. FARM OR LEASE NAME<br>Huerfano Unit                                             |                              |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 790°N 870°E<br>At top prod. interval reported below<br>At total depth                                                                  |                            | 9. WELL NO.<br>106E                                                                |                              |
| 14. PERMIT NO.<br>OIL CON. DIV. 1<br>DIST. 3                                                                                                                                                                                                     |                            | 10. FIELD AND POOL, OR WILDCAT<br>Basin Dakota                                     |                              |
| 15. DATE SPUNDED<br>5-14-85                                                                                                                                                                                                                      |                            | 11. SEC. T., R., M. OR BLOCK AND SURVEY OR AREA<br>Sec. 33, T-27-N, R-10-W<br>NMPM |                              |
| 16. DATE T.D. REACHED<br>5-23-85                                                                                                                                                                                                                 |                            | 12. COUNTY OR PARISH<br>San Juan                                                   |                              |
| 17. DATE COMPL. (Ready to prod.)<br>7-3-85                                                                                                                                                                                                       |                            | 13. STATE<br>NM                                                                    |                              |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>6164' GL                                                                                                                                                                                              |                            | 19. ELEV. CASINGHEAD<br>6164'                                                      |                              |
| 20. TOTAL DEPTH, MD & TVD<br>6564                                                                                                                                                                                                                |                            | 21. PLUG BACK T.D., MD & TVD<br>6548                                               |                              |
| 22. IF MULTIPLE COMPL., HOW MANY*<br>One                                                                                                                                                                                                         |                            | 23. INTERVALS DRILLED BY<br>Rotary                                                 |                              |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>6298-6487 (Basin Dakota)                                                                                                                                        |                            | 25. WAS DIRECTIONAL SURVEY MADE<br>NO                                              |                              |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Ind. Elec. Gamma Log;<br>Ind. Log; Comp. Density Dual Spaced Neutron Log; Comp Analyzed LS;                                                                                                              |                            | 27. WAS WELL CORED<br>NO                                                           |                              |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                               |                            |                                                                                    |                              |
| CASING SIZE                                                                                                                                                                                                                                      | WEIGHT, LB./FT.            | DEPTH SET (MD)                                                                     | HOLE SIZE                    |
| 8 5/8"                                                                                                                                                                                                                                           | 24                         | 232                                                                                | 12 1/4"                      |
| 4 1/2"                                                                                                                                                                                                                                           | 10.5                       | 6564                                                                               | 7 7/8"                       |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                            |                                                                                    |                              |
| SIZE                                                                                                                                                                                                                                             | TOP (MD)                   | BOTTOM (MD)                                                                        | SACKS CEMENT*                |
|                                                                                                                                                                                                                                                  |                            |                                                                                    |                              |
| 30. TUBING RECORD                                                                                                                                                                                                                                |                            |                                                                                    |                              |
| SIZE                                                                                                                                                                                                                                             | DEPTH SET (MD)             | PACKER SET (MD)                                                                    |                              |
| 2 3/8"                                                                                                                                                                                                                                           | 6481                       |                                                                                    |                              |
| 31. PERFORATION RECORD (Interval, size and number)<br>6298, 6300, 6323, 6326, 6347, 6349, 6353, 6355, 6357, 6360, 6368, 6370, 6406, 6409, 6427, 6456, 6459, 6462, 6484, 6487, w/1 SPZ.                                                           |                            |                                                                                    |                              |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                   |                            |                                                                                    |                              |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                              |                            | AMOUNT AND KIND OF MATERIAL USED                                                   |                              |
| 6298-6487                                                                                                                                                                                                                                        |                            | 57,000# 40/60 sand & 70,394 gals wt                                                |                              |
| 33.* PRODUCTION                                                                                                                                                                                                                                  |                            |                                                                                    |                              |
| DATE FIRST PRODUCTION<br>6-23-85                                                                                                                                                                                                                 |                            | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing    |                              |
| WELL STATUS (Producing or shut-in)<br>Shut in                                                                                                                                                                                                    |                            |                                                                                    |                              |
| DATE OF TEST<br>7-3-85                                                                                                                                                                                                                           | HOURS TESTED<br>3 Hrs.     | CHOKE SIZE<br>3/4"                                                                 | PROD'N. FOR TEST PERIOD<br>0 |
| OIL—BBL.<br>0                                                                                                                                                                                                                                    | GAS—MCF.<br>275 MCF        | WATER—BBL.<br>0                                                                    | GAS-OIL RATIO                |
| FLOW. TUBING PRESS.<br>SI 1066                                                                                                                                                                                                                   | CASING PRESSURE<br>SI 1676 | CALCULATED 24-HOUR RATE<br>0                                                       | GAS—MCF.<br>1450             |
| WATER—BBL.<br>0                                                                                                                                                                                                                                  | OIL GRAVITY-API (CORR.)    |                                                                                    |                              |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Shut in to be Sold                                                                                                                                                                 |                            |                                                                                    |                              |
| TEST WITNESSED BY<br>Bill Huntington                                                                                                                                                                                                             |                            |                                                                                    |                              |
| 35. LIST OF ATTACHMENTS<br>Cement Record; Temp Survey                                                                                                                                                                                            |                            |                                                                                    |                              |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                |                            |                                                                                    |                              |
| SIGNED<br>[Signature]                                                                                                                                                                                                                            |                            | TITLE<br>Drilling Clerk                                                            |                              |
| DATE<br>7-29-85                                                                                                                                                                                                                                  |                            |                                                                                    |                              |

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

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, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION       | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                 | GEOLOGIC MARKERS |             |                  |
|-----------------|------|--------|---------------------------------------------------------------------------------------------|------------------|-------------|------------------|
|                 |      |        |                                                                                             | NAME             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo       | 785  | 971    | ss. White cr-grn s.                                                                         | Ojo Alamo        | 785         |                  |
| Kirtland        | 971  | 1616   | Gry sh interbedded w/tight gry fine-grn ss.                                                 | Kirtland         | 971         |                  |
| Fruitland       | 1616 | 1858   | Gry carb sh, scattered coals, coals and gry tight, fine-grn ss.                             | Fruitland        | 1616        |                  |
| Pictured Cliffs | 1858 | 2750   | Gry, fine-grn tight, varicolored soft ss.                                                   | Pictured Cliffs  | 1858        |                  |
| La Ventana      | 2750 | 3445   | Wt to lt buff to med grn sl carb bent sd.                                                   | La Ventana       | 2750        |                  |
| Mesa Verde      | 3445 | 3496   | Gry, fine-grn, dense sil ss., carb sh & coal.                                               | Mesa Verde       | 3445        |                  |
| Menefee         | 3496 | 4225   | Gry, fine-grn s, carb sh & coal.                                                            | Menefee          | 3496        |                  |
| Point Lookout   | 4225 | 4546   | Gry, very fine sil ss w/frequent sh breaks.                                                 | Point Lookout    | 4225        |                  |
| Mancos          | 4546 | 5372   | Gry carb sh.                                                                                | Mancos           | 4546        |                  |
| Gallup          | 5372 | 6243   | Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.                 | Gallup           | 5372        |                  |
| Greenhorn       | 6243 | 6290   | Highly calc gry sh w/thin lmst.                                                             | Greenhorn        | 6243        |                  |
| Graneros        | 6290 | 6402   | Dk gry shale, fossil & carb w/pyrite incl.                                                  | Graneros         | 6290        |                  |
| Dakota          | 6402 | 6564   | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks. | Dakota           | 6402        |                  |

CEMENT RECORD  
HUERFANO UNIT #106E

8 5/8" Surface Casing - Cmt'd 120 class B sks cmt, 1/4# gel-flake/sk, 3%  $\text{CaCl}_2$  (142 cu ft)

4 1/2" Prod. Casing - Cmt'd 1st stage w/306 class B sks cmt, 50/50 POZ mix, 2% Gel, 10% Salt, 10% Cal-seal, 1/4# fine tuf-plug/sk (424 cu ft)

Cmt'd 2nd stage w/343 class B sks cmt, 65/35 POZ mix, 6% gel, 2%  $\text{CaCl}_2$  (561 cu ft)

Cmt'd 3rd stage w/635 class B sks cmt, 65/35 POZ mix, 6% gel, 2%  $\text{CaCl}_2$  (1030 cu ft)