

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                     |  |                                                                                 |                                              |                                                |                                    |                                                    |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------|------------------------------------|----------------------------------------------------|-------------|
| 1a. TYPE OF WELL:                                                                                                                                                                   |  | OIL WELL <input type="checkbox"/>                                               | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/>                   | Other _____                        |                                                    |             |
| b. TYPE OF COMPLETION:                                                                                                                                                              |  | NEW WELL <input checked="" type="checkbox"/>                                    | WORK OVER <input type="checkbox"/>           | DEEP-EN <input type="checkbox"/>               | PLUG BACK <input type="checkbox"/> | DIFF. RESRV. <input type="checkbox"/>              | Other _____ |
| 2. NAME OF OPERATOR<br>El Paso Natural Gas Company                                                                                                                                  |  |                                                                                 |                                              |                                                |                                    | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 010989   |             |
| 3. ADDRESS OF OPERATOR<br>PO Box 990, Farmington, NM 87401                                                                                                                          |  |                                                                                 |                                              |                                                |                                    | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME               |             |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1190'S, 1090'W<br>At top prod. interval reported below<br>At total depth |  |                                                                                 |                                              |                                                |                                    | 7. UNIT AGREEMENT NAME                             |             |
| 14. PERMIT NO.                                                                                                                                                                      |  |                                                                                 |                                              |                                                |                                    | DATE ISSUED                                        |             |
| 10. FIELD AND POOL, OR WILDCAT<br>Undes. Pictured Cliffs                                                                                                                            |  |                                                                                 |                                              |                                                |                                    | 8. FARM OR LEASE NAME<br>Horton                    |             |
| 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 35, T-32-N, R-11-W<br>NMPM                                                                                                |  |                                                                                 |                                              |                                                |                                    | 9. WELL NO.<br>3                                   |             |
| 12. COUNTY OR PARISH<br>San Juan                                                                                                                                                    |  |                                                                                 |                                              |                                                |                                    | 13. STATE<br>New Mexico                            |             |
| 15. DATE SPUDDED<br>6-22-72                                                                                                                                                         |  | 16. DATE T.D. REACHED<br>6-26-72                                                |                                              | 17. DATE COMPL. (Ready to prod.)<br>7-25-72    |                                    | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>6010'GL |             |
| 20. TOTAL DEPTH, MD & TVD<br>2861'                                                                                                                                                  |  | 21. PLUG, BACK T.D., MD & TVD<br>2851'                                          |                                              | 22. IF MULTIPLE COMPL., HOW MANY*              |                                    | 23. INTERVALS DRILLED BY<br>0-2861'                |             |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>2746-2812' (Pictured Cliffs)                                                                       |  |                                                                                 |                                              |                                                |                                    | 19. ELEV. CASINGHEAD                               |             |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>FDC-GR; I-ES; Temp. Survey                                                                                                                  |  |                                                                                 |                                              |                                                |                                    | 25. WAS DIRECTIONAL SURVEY MADE<br>no              |             |
| 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#                                                                             |                                              | 140'                                           |                                    | 12 1/4"                                            |             |
| 2 7/8"                                                                                                                                                                              |  | 6.4#                                                                            |                                              | 2861'                                          |                                    | 6 3/4" & 7 7/8" 629 cu. ft.                        |             |
| 29. LINER RECORD                                                                                                                                                                    |  | SIZE                                                                            |                                              | TOP (MD)                                       |                                    | BOTTOM (MD)                                        |             |
| SIZE                                                                                                                                                                                |  | TOP (MD)                                                                        |                                              | BOTTOM (MD)                                    |                                    | SACKS CEMENT*                                      |             |
| SCREEN (MD)                                                                                                                                                                         |  | SIZE                                                                            |                                              | DEPTH SET (MD)                                 |                                    | PACKER SET (MD)                                    |             |
| tubingless                                                                                                                                                                          |  | DIST 3                                                                          |                                              | OIL COM COM                                    |                                    | DIST 3                                             |             |
| 31. PERFORATION RECORD (Interval, size and number)<br>2746-58', 2766-78', 2800-12', with 24 shots per zone.                                                                         |  |                                                                                 |                                              | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                    |                                                    |             |
| DEPTH INTERVAL (MD)                                                                                                                                                                 |  |                                                                                 |                                              | AMOUNT AND KIND OF MATERIAL USED               |                                    |                                                    |             |
| 2746-2812'                                                                                                                                                                          |  |                                                                                 |                                              | 34,000# sand, 34,322 gal. water                |                                    |                                                    |             |
| 33.* PRODUCTION                                                                                                                                                                     |  |                                                                                 |                                              | WELL STATUS (Producing or shut-in)             |                                    |                                                    |             |
| DATE FIRST PRODUCTION                                                                                                                                                               |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>flowing |                                              | WELL STATUS (Producing or shut-in)<br>shut in  |                                    | GAS-OIL RATIO                                      |             |
| DATE OF TEST<br>7-25-72                                                                                                                                                             |  | HOURS TESTED<br>3                                                               |                                              | CHOKE SIZE<br>3/4"                             |                                    | PROD'N. FOR TEST PERIOD                            |             |
| FLOW. TUBING PRESS.                                                                                                                                                                 |  | CASING PRESSURE                                                                 |                                              | CALCULATED 24-HOUR RATE                        |                                    | OIL—BBL.                                           |             |
| tubingless SI 964                                                                                                                                                                   |  | 2613 AOF                                                                        |                                              | WATER—BBL.                                     |                                    | OIL GRAVITY-API (CORR.)                            |             |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                          |  |                                                                                 |                                              |                                                |                                    | TEST WITNESSED BY<br>C. Rhames                     |             |
| 35. LIST OF ATTACHMENTS                                                                                                                                                             |  |                                                                                 |                                              |                                                |                                    |                                                    |             |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                   |  |                                                                                 |                                              |                                                |                                    |                                                    |             |
| SIGNED                                                                                                                                                                              |  | TITLE                                                                           |                                              | DATE                                           |                                    | July 27, 1972                                      |             |
| C. Rhames                                                                                                                                                                           |  | Petroleum Engineer                                                              |                                              |                                                |                                    |                                                    |             |

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

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct wall completion report and log on an agency's basis and leads to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 23, below regarding separate reports for separate completions.

and not used prior to the time this summary record is submitted, copies of all currently available logs (drillers', geologists', sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Items 18 and 24: If this elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

For each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple cementing stages performed at such interval.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**Item 34:** Attached supplemental records for this well should show the details of any multiple cementing stages performed at such interval.

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |     |        |                             | 38. GEOLOGIC MARKERS |             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | TOP         |                  |
|                                                                                                                                                                                                                                                       |     |        |                             |                      | MEAS. DEPTH | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                                       |     |        |                             | Pictured Cliffs      | 2745'       |                  |
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