

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions 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 _____                                                                                    |  |                                                                      |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF 078051                                  |                                    |
| 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. RESVR. <input type="checkbox"/> Other _____ |  |                                                                      |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                              |                                    |
| 2. NAME OF OPERATOR<br>El Paso Natural Gas Company                                                                                                                                                                           |  |                                                                      |  | 7. UNIT AGREEMENT NAME                                                            |                                    |
| 3. ADDRESS OF OPERATOR<br>PO Box 990, Farmington, NM 87401                                                                                                                                                                   |  |                                                                      |  | 8. FARM OR LEASE NAME<br>Neil                                                     |                                    |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1180'N, 800'W<br>At top prod. interval reported below<br>At total depth                                           |  |                                                                      |  | 9. WELL NO.<br>13                                                                 |                                    |
| 14. PERMIT NO. _____ DATE ISSUED _____                                                                                                                                                                                       |  |                                                                      |  | 10. FIELD AND POOL, OR WILDCAT<br>Blanco Pictured Cliffs Ext.                     |                                    |
| 15. DATE SPUDDED 9-26-72                                                                                                                                                                                                     |  |                                                                      |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 14, T-31-N, R-11-W NMPM |                                    |
| 16. DATE T.D. REACHED 10-9-72                                                                                                                                                                                                |  |                                                                      |  | 12. COUNTY OR PARISH<br>San Juan                                                  |                                    |
| 17. DATE COMPL. (Ready to prod.) 11-27-72                                                                                                                                                                                    |  |                                                                      |  | 13. STATE<br>New Mexico                                                           |                                    |
| 18. ELEVATIONS (OF, REB, RT, GR, ETC.)* 6079'GL                                                                                                                                                                              |  |                                                                      |  | 19. ELEV. CASINGHEAD                                                              |                                    |
| 20. TOTAL DEPTH, MD & TVD 2905'                                                                                                                                                                                              |  | 21. PLUG, BACK T.D., MD & TVD 2894'                                  |  | 22. IF MULTIPLE INTERVALS DRILLED BY ROTARY TOOLS 0-2905'                         |                                    |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (If known) 2755-2800' (Pictured Cliffs)                                                                                                                      |  |                                                                      |  | 25. WAS DIRECTIONAL SURVEY MADE NO                                                |                                    |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN IEL; CDL-GR; Temp. Survey                                                                                                                                                               |  |                                                                      |  | 27. WAS WELL CORED NO                                                             |                                    |
| 23. CASING RECORD (Report all strings set in well)                                                                                                                                                                           |  |                                                                      |  |                                                                                   |                                    |
| CASING SIZE                                                                                                                                                                                                                  |  | WEIGHT, LB./FT.                                                      |  | DEPTH SET (MD)                                                                    |                                    |
| 8-5/8"                                                                                                                                                                                                                       |  | 24.0#                                                                |  | 127'                                                                              |                                    |
| 2 7/8"                                                                                                                                                                                                                       |  | 6.4#                                                                 |  | 2905'                                                                             |                                    |
| HOLE SIZE                                                                                                                                                                                                                    |  | CEMENTING RECORD                                                     |  | AMOUNT PULLED                                                                     |                                    |
| 12 1/4"                                                                                                                                                                                                                      |  | 107 cu. ft.                                                          |  | 552 cu. ft.                                                                       |                                    |
| 6 3/4"                                                                                                                                                                                                                       |  | NOV 30 1972                                                          |  |                                                                                   |                                    |
| 29. LINER RECORD                                                                                                                                                                                                             |  |                                                                      |  |                                                                                   |                                    |
| SIZE                                                                                                                                                                                                                         |  | TOP (MD)                                                             |  | BOTTOM (MD)                                                                       |                                    |
| tubingless                                                                                                                                                                                                                   |  |                                                                      |  |                                                                                   |                                    |
| SCREEN (MD)                                                                                                                                                                                                                  |  | SACKS CEMENT*                                                        |  | PACKER SET (MD)                                                                   |                                    |
|                                                                                                                                                                                                                              |  |                                                                      |  |                                                                                   |                                    |
| 30. TUBING RECORD                                                                                                                                                                                                            |  |                                                                      |  |                                                                                   |                                    |
| SIZE                                                                                                                                                                                                                         |  | DEPTH SET (MD)                                                       |  | PACKER SET (MD)                                                                   |                                    |
| tubingless                                                                                                                                                                                                                   |  |                                                                      |  |                                                                                   |                                    |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                           |  |                                                                      |  |                                                                                   |                                    |
| 2755-2770' and 2785-2800' with 30 shots per zone.                                                                                                                                                                            |  |                                                                      |  |                                                                                   |                                    |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                               |  |                                                                      |  |                                                                                   |                                    |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                          |  | AMOUNT AND KIND OF MATERIAL USED                                     |  |                                                                                   |                                    |
| 2755-2800'                                                                                                                                                                                                                   |  | 32,000#sand, 35,912 gal. water                                       |  |                                                                                   |                                    |
| 33.* PRODUCTION                                                                                                                                                                                                              |  |                                                                      |  |                                                                                   |                                    |
| DATE FIRST PRODUCTION                                                                                                                                                                                                        |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |  |                                                                                   | WELL STATUS (Producing or shut-in) |
|                                                                                                                                                                                                                              |  | flowing                                                              |  |                                                                                   | shut in                            |
| DATE OF TEST                                                                                                                                                                                                                 |  | HOURS TESTED                                                         |  | CHOKE SIZE                                                                        |                                    |
| 11-27-72                                                                                                                                                                                                                     |  | 3 hours                                                              |  | 3/4"                                                                              |                                    |
| FLOW. TUBING PRESS.                                                                                                                                                                                                          |  | CASING PRESSURE                                                      |  | CALCULATED 24-HOUR RATE                                                           |                                    |
| tubingless                                                                                                                                                                                                                   |  | SI 917                                                               |  |                                                                                   |                                    |
| OIL—BBL.                                                                                                                                                                                                                     |  | GAS—MCF.                                                             |  | WATER—BBL.                                                                        |                                    |
|                                                                                                                                                                                                                              |  | 3182 AOF                                                             |  |                                                                                   |                                    |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                   |  |                                                                      |  |                                                                                   |                                    |
| TEST WITNESSED BY 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                                                                              |                                    |
| [Signature]                                                                                                                                                                                                                  |  | Petroleum Engineer                                                   |  | November 30, 1972                                                                 |                                    |

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

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, and/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 land and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed 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.), formations and/or State units. See instructions on items 22 and 24, and 26, below regarding separate reports or separate comparisons. All attachments should be listed on this form, see item 35.

**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.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for each measurement given in other spaces on this report sheet.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing intervals, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, 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 stage cementing and the location of the cementing tool. Supplemental data pertinent to such interval should be separately produced, showing the additional data.

**Item 29: *Stacks Comment*** : Attached supplemental report for this well should show the details of any multiple stage cementing and the location of the cement. (See instruction for items 22 and 24 above.)

**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.)

| 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             |      | 2752'       |                      |  |