

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 _____                                |
| 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 _____                                                                                                        |  |                                                                      |                                              |                                                     |                                            |
| 2. NAME OF OPERATOR<br>El Paso Natural Gas Company                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                                     |                                            |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 990, Farmington, New Mexico 87401                                                                                                                                                                                                                                        |  |                                                                      |                                              |                                                     |                                            |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1460' S, 1750' E<br>At top prod. interval reported below<br>At total depth                                                                                                                        |  |                                                                      |                                              |                                                     |                                            |
| 14. PERMIT NO.                                                                                                                                                                                                                                                                                               |  | DATE ISSUED                                                          |                                              |                                                     |                                            |
| 15. DATE SPUDDED<br>2-18-78                                                                                                                                                                                                                                                                                  |  | 16. DATE T.D. REACHED<br>2-24-78                                     |                                              | 17. DATE COMPL. (Ready to prod.)<br>4-3-78          |                                            |
| 20. TOTAL DEPTH, MD & TVD<br>5123'                                                                                                                                                                                                                                                                           |  | 21. PLUG, BACK T.D., MD & TVD<br>5104'                               |                                              | 18. ELEVATIONS (DF, RSB, RT, GR, ETC.)*<br>5948' GR |                                            |
| 23. INTERVALS DRILLED BY<br>→                                                                                                                                                                                                                                                                                |  | ROTARY TOOLS<br>0-5123'                                              |                                              | 19. ELEV. CASINGHEAD                                |                                            |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>2450-2568' (PC)<br>4083-5073' (MV)                                                                                                                                                                                          |  |                                                                      |                                              | 25. WAS DIRECTIONAL SURVEY MADE<br>No               |                                            |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>I-GR; CDL-GR; Temperature Survey                                                                                                                                                                                                                                     |  |                                                                      |                                              | 27. WAS WELL CORED<br>No                            |                                            |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                                     |                                            |
| CASING SIZE                                                                                                                                                                                                                                                                                                  |  | WEIGHT, LB./FT.                                                      |                                              | DEPTH SET (MD)                                      |                                            |
| 9 5/8"                                                                                                                                                                                                                                                                                                       |  | 32.3#                                                                |                                              | 212'                                                |                                            |
| 7"                                                                                                                                                                                                                                                                                                           |  | 20#                                                                  |                                              | 2801'                                               |                                            |
| HOLE SIZE                                                                                                                                                                                                                                                                                                    |  | CEMENTING RECORD                                                     |                                              | AMOUNT PULLED                                       |                                            |
| 13 3/4"                                                                                                                                                                                                                                                                                                      |  | 224 cf                                                               |                                              |                                                     |                                            |
| 8 3/4"                                                                                                                                                                                                                                                                                                       |  | 285 cf                                                               |                                              |                                                     |                                            |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                             |  |                                                                      |                                              |                                                     |                                            |
| SIZE                                                                                                                                                                                                                                                                                                         |  | TOP (MD)                                                             |                                              | BOTTOM (MD)                                         |                                            |
| 4 1/2"                                                                                                                                                                                                                                                                                                       |  | 2646'                                                                |                                              | 5123'                                               |                                            |
| SACKS CEMENT*                                                                                                                                                                                                                                                                                                |  | SCREEN (MD)                                                          |                                              |                                                     |                                            |
| 433 cf                                                                                                                                                                                                                                                                                                       |  |                                                                      |                                              |                                                     |                                            |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                            |  |                                                                      |                                              |                                                     |                                            |
| SIZE                                                                                                                                                                                                                                                                                                         |  | DEPTH SET (MD)                                                       |                                              | PACKER SET (MD)                                     |                                            |
| 2 3/8"                                                                                                                                                                                                                                                                                                       |  | 5046'                                                                |                                              | Model G Seal Assy                                   |                                            |
| 1 1/4"                                                                                                                                                                                                                                                                                                       |  | 2571'                                                                |                                              | in a FBR at 2650                                    |                                            |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                                     |                                            |
| 2502 2554-68'w/20 SPZ. 4083, 4105, 4119, 4126<br>4136 4147 4159 4167 4180 4185 4203 4212 4220<br>4234 4244 4353 4379 4515 4522 4625 4632 4653<br>w/1 SPZ. 4701 4707 4713 4719 4730 4736 4742<br>4752 4763 4780 4798 4828 4860 4918 4936<br>4977 4983 4992 5009 5044 5057 5062 5073'<br>with 1 shot per zone. |  |                                                                      |                                              |                                                     |                                            |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                               |  |                                                                      |                                              |                                                     |                                            |
| INTERVAL (MD)                                                                                                                                                                                                                                                                                                |  | AMOUNT AND KIND OF MATERIAL USED                                     |                                              |                                                     |                                            |
| 2450-2568'                                                                                                                                                                                                                                                                                                   |  | 62,000# sd; 62,000 gal. wtr.                                         |                                              |                                                     |                                            |
| 4083-4653'                                                                                                                                                                                                                                                                                                   |  | 65,000# sd; 65,000 gal. wtr.                                         |                                              |                                                     |                                            |
| 4701-5073'                                                                                                                                                                                                                                                                                                   |  | 67,000# sd; 69,200 gal. wtr.                                         |                                              |                                                     |                                            |
| 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<br>PC 4-3-78<br>MV 3-21-78                                                                                                                                                                                                                                                                      |  | HOURS TESTED<br>3                                                    |                                              | CHOKE SIZE<br>3/4"                                  | PRODUCTION FOR TEST PERIOD                 |
| FLOW. TUBING PRESS.<br>PC SI 667<br>MV SI 861                                                                                                                                                                                                                                                                |  | CASING PRESSURE<br>PC SI 667                                         |                                              | CALCULATED 24-HOUR RATE<br>→                        | OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                                                                   |  |                                                                      |                                              |                                                     |                                            |
| 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<br>J. G. Dices                                                                                                                                                                                                                                                                                        |  | TITLE<br>Drilling Clerk                                              |                                              | DATE<br>4-6-78                                      |                                            |

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

# INSTRUCTIONS

**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 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 Federal 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 log and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. This 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 the 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 attached logs. **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 interval 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, adequate for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Comin":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing material. **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:                                                                                                                                                                      |               | 38. GEOLOGIC MARKERS |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|-------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVAL; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |               | NAME                 | MEAS. DEPTH |
| FORMATION                                                                                                                                                                                         | TOP<br>BOTTOM |                      |             |
|                                                                                                                                                                                                   |               | Pictured Cliff       | 2572        |
|                                                                                                                                                                                                   |               | Mesa Verde           | 4080        |
|                                                                                                                                                                                                   |               | Point Lookout        | 4696        |