

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
\* CORRECTED COPY 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 <input type="checkbox"/>     |                                              |                                |
| 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 <input type="checkbox"/> |
| 2. NAME OF OPERATOR                                                                                                                                                                                                                                                                                                       |  |                                                                      |                                              |                                         |                                    | U. S. GEOLOGICAL SURVEY<br>FARMINGTON, N. M. |                                |
| 3. ADDRESS OF OPERATOR                                                                                                                                                                                                                                                                                                    |  |                                                                      |                                              |                                         |                                    | El Paso Exploration Company                  |                                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*                                                                                                                                                                                                                              |  |                                                                      |                                              |                                         |                                    | P.O. Box 289, Farmington, NM 87401           |                                |
| At surface                                                                                                                                                                                                                                                                                                                |  |                                                                      |                                              |                                         |                                    | 790'S, 1850'E                                |                                |
| At top prod. interval reported below                                                                                                                                                                                                                                                                                      |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| At total depth                                                                                                                                                                                                                                                                                                            |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| 14. PERMIT NO.                                                                                                                                                                                                                                                                                                            |  |                                                                      |                                              | DATE ISSUED                             |                                    |                                              |                                |
| 15. DATE SPUDDED                                                                                                                                                                                                                                                                                                          |  |                                                                      |                                              | 16. DATE T.D. REACHED                   |                                    |                                              |                                |
| 6-27-80                                                                                                                                                                                                                                                                                                                   |  |                                                                      |                                              | 7-6-80                                  |                                    |                                              |                                |
| 17. DATE COMPL. (Ready to prod.)                                                                                                                                                                                                                                                                                          |  |                                                                      |                                              | 18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* |                                    |                                              |                                |
| 10-30-80                                                                                                                                                                                                                                                                                                                  |  |                                                                      |                                              | 6959' GL                                |                                    |                                              |                                |
| 20. TOTAL DEPTH, MD & TVD                                                                                                                                                                                                                                                                                                 |  | 21. PLUG, BACK T.D., MD & TVD                                        |                                              | 22. IF MULTIPLE COMPL., HOW MANY*       |                                    | 23. INTERVALS DRILLED BY                     |                                |
| 6172'                                                                                                                                                                                                                                                                                                                     |  | 6154'                                                                |                                              | 2                                       |                                    | ROTARY TOOLS<br>CABLE TOOLS                  |                                |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*                                                                                                                                                                                                                                             |  |                                                                      |                                              |                                         |                                    | 25. WAS DIRECTIONAL SURVEY MADE              |                                |
| 3478-3581' (PC)* 5 247-6094' (MV)                                                                                                                                                                                                                                                                                         |  |                                                                      |                                              |                                         |                                    | No                                           |                                |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN                                                                                                                                                                                                                                                                                      |  |                                                                      |                                              |                                         |                                    | 27. WAS WELL CORED                           |                                |
| FDC; IEL-GR; CDL-GR; Temp. Survey                                                                                                                                                                                                                                                                                         |  |                                                                      |                                              |                                         |                                    | No                                           |                                |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                        |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| CASING SIZE                                                                                                                                                                                                                                                                                                               |  | WEIGHT, LB./FT.                                                      |                                              | DEPTH SET (MD)                          |                                    | HOLE SIZE                                    |                                |
| 9 5/8"                                                                                                                                                                                                                                                                                                                    |  | 40#                                                                  |                                              | 232'                                    |                                    | 13 3/4"                                      |                                |
| 7"                                                                                                                                                                                                                                                                                                                        |  | 20#                                                                  |                                              | 3850'                                   |                                    | 8 3/4"                                       |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    |                                              |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    |                                              |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                          |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| SIZE                                                                                                                                                                                                                                                                                                                      |  | TOP (MD)                                                             |                                              | BOTTOM (MD)                             |                                    | SACKS CEMENT*                                |                                |
| 4 1/2"                                                                                                                                                                                                                                                                                                                    |  | 3693'                                                                |                                              | 6172'                                   |                                    | 427 cf.                                      |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    |                                              |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    |                                              |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                                         |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| SIZE                                                                                                                                                                                                                                                                                                                      |  | DEPTH SET (MD)                                                       |                                              | PACKER SET (MD)                         |                                    |                                              |                                |
| 1 1/4"                                                                                                                                                                                                                                                                                                                    |  | 3575'                                                                |                                              |                                         |                                    |                                              |                                |
| 3/8"                                                                                                                                                                                                                                                                                                                      |  | 6018'                                                                |                                              |                                         |                                    |                                              |                                |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                                                                                        |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| 5708, 5713, 5736, 5756, 5760, 5764, 5768,<br>5712, 5716, 5820, 5843, 5870, 5905, 6054,<br>6094, 5247, 5252, 5257, 5331, 5335, 5340,<br>5390, 5395, 5400, 5434, 5438, 5488, 5496,<br>5544, 5580, 5636, 5642, 5682, 3478, 3484,<br>3490, 3496, 3502, 3508, 3513, 3520, 3536,<br>3541, 3545, 3553, 3558, 3566, 3581' w/1 CPZ |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                            |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                                                                                       |  |                                                                      |                                              | AMOUNT AND KIND OF MATERIAL USED        |                                    |                                              |                                |
| 3478-3581'                                                                                                                                                                                                                                                                                                                |  |                                                                      |                                              | 78,000# sd, 88,000 gal. wtr.            |                                    |                                              |                                |
| 5708-6094'                                                                                                                                                                                                                                                                                                                |  |                                                                      |                                              | 39,000# sd, 79,000 gal. wtr.            |                                    |                                              |                                |
| 5247-5684'                                                                                                                                                                                                                                                                                                                |  |                                                                      |                                              | 47,000# sd, 88,700 gal. wtr.            |                                    |                                              |                                |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                            |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| DATE FIRST PRODUCTION                                                                                                                                                                                                                                                                                                     |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                                              |                                         |                                    | WELL STATUS (Producing or shut-in)           |                                |
| PC 10-9-80                                                                                                                                                                                                                                                                                                                |  | MV After Frac Gauge 247 MCF/D                                        |                                              |                                         |                                    | Shut-In                                      |                                |
| DATE OF TEST                                                                                                                                                                                                                                                                                                              |  | HOURS TESTED                                                         |                                              | CHOKE SIZE                              |                                    | PROD'N. FOR TEST PERIOD                      |                                |
| PC 10-30-80                                                                                                                                                                                                                                                                                                               |  | 3 hrs                                                                |                                              | 3/4" variable                           |                                    | OIL—BBL.                                     |                                |
| FLOW: TUBING PRESS.                                                                                                                                                                                                                                                                                                       |  | CASING PRESSURE                                                      |                                              | CALCULATED 24-HOUR RATE                 |                                    | OIL—BBL.                                     |                                |
| PC 1019                                                                                                                                                                                                                                                                                                                   |  | 1016                                                                 |                                              | →                                       |                                    | GAS—MCF.                                     |                                |
| MV                                                                                                                                                                                                                                                                                                                        |  |                                                                      |                                              |                                         |                                    | WATER—BBL.                                   |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    | GAS-OIL RATIO                                |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    | OIL GRAVITY-API (CORR.)                      |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    | TEST WITNESSED BY                            |                                |
|                                                                                                                                                                                                                                                                                                                           |  |                                                                      |                                              |                                         |                                    | Lyle Nations                                 |                                |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                                                                                |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| PC 3567                                                                                                                                                                                                                                                                                                                   |  |                                                                      |                                              |                                         |                                    |                                              |                                |
| 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                                    |                                    |                                              |                                |
| A. G. Swice                                                                                                                                                                                                                                                                                                               |  | Drilling Clerk                                                       |                                              | November 3, 1980                        |                                    |                                              |                                |

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

NMOC

FARMINGTON DISTRICT

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# 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 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 33, below regarding separate reports for separate completions.

**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.

**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 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, 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.

**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 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 | NAME                 | MEAS. DEPTH      |
|                                                                                                                                                                                                                    |     |        |                      | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                    |     |        | O.A.                 | 2948'            |
|                                                                                                                                                                                                                    |     |        | Kirtland             | 3032'            |
|                                                                                                                                                                                                                    |     |        | Fruitland            | 3292'            |
|                                                                                                                                                                                                                    |     |        | P.C.                 | 3474'            |
|                                                                                                                                                                                                                    |     |        | Chacra               | 4597'            |
|                                                                                                                                                                                                                    |     |        | M.V.                 | 5207'            |
|                                                                                                                                                                                                                    |     |        | Men.                 | 5270'            |
|                                                                                                                                                                                                                    |     |        | P.L.                 | 5727'            |