

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                                  |                                                                              |                                                                                   |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                                     |                                                                              | 5. LEASE DESIGNATION AND SERIAL NO.<br>Contract No. 150                           |                                            |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____                  |                                                                              | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Jicarilla Apache                          |                                            |
| 2. NAME OF OPERATOR<br>Union Texas Petroleum Corporation                                                                                                                                                                                         |                                                                              | 7. UNIT AGREEMENT NAME                                                            |                                            |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 808, Farmington, New Mexico 87499                                                                                                                                                                             |                                                                              | 8. FARM OR LEASE NAME<br>Jicarilla "G"                                            |                                            |
| 4. LOCATION OF WELL (Report location clearly and in accordance with survey requirements)<br>At surface 1815 ft./N; 1850 ft./W line<br>At top prod. interval reported below Same as above<br>At total depth Same as above                         |                                                                              | 9. WELL NO.<br>5-M                                                                |                                            |
| 14. PERMIT NO. _____ DATE ISSUED NOV 15 1982                                                                                                                                                                                                     |                                                                              | 10. FIELD AND POOL, OR WILDCAT<br>Basin Dakota                                    |                                            |
| 15. DATE SPUDDED 7/9/82                                                                                                                                                                                                                          |                                                                              | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 12, T26N, R5W, N.M.P.M. |                                            |
| 16. DATE T.D. REACHED 8/3/82                                                                                                                                                                                                                     |                                                                              | 12. COUNTY OR PARISH<br>Rio Arriba                                                |                                            |
| 17. DATE COMPL. (Ready to prod.) 9/17/82                                                                                                                                                                                                         |                                                                              | 13. STATE<br>New Mexico                                                           |                                            |
| 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7275 R.K.B.                                                                                                                                                                                              |                                                                              | 19. ELEV. CASINGHEAD 7263                                                         |                                            |
| 20. TOTAL DEPTH, MD & TVD 8450 MD & TVD                                                                                                                                                                                                          |                                                                              | 21. PLUG, BACK T.D., MD & TVD 8360 MD & TVD                                       |                                            |
| 22. IF MULTIPLE COMPL., HOW MANY* 2                                                                                                                                                                                                              |                                                                              | 23. INTERVALS DRILLED BY                                                          |                                            |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>8148 - 8336 Dakota (MD & TVD)                                                                                                                                   |                                                                              | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                             |                                            |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Compensated Neutron - Density, Induction Gamma-Ray                                                                                                                                                       |                                                                              | 27. WAS WELL CORED<br>No                                                          |                                            |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                               |                                                                              |                                                                                   |                                            |
| CASING SIZE                                                                                                                                                                                                                                      | WEIGHT, LB./FT.                                                              | DEPTH SET (MD)                                                                    | HOLE SIZE                                  |
| 13-3/8"                                                                                                                                                                                                                                          | 48.00                                                                        | 302                                                                               | 17-1/2"                                    |
| 9-5/8"                                                                                                                                                                                                                                           | 40.00                                                                        | 5499                                                                              | 12-1/4"                                    |
| 7"                                                                                                                                                                                                                                               | 26.00                                                                        | 5302 - 8444                                                                       | 8-3/4"                                     |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                                                                              |                                                                                   |                                            |
| SIZE                                                                                                                                                                                                                                             | TOP (MD)                                                                     | BOTTOM (MD)                                                                       | SACKS CEMENT*                              |
| 7"                                                                                                                                                                                                                                               | 5302                                                                         | 8444                                                                              |                                            |
| 30. TUBING RECORD                                                                                                                                                                                                                                |                                                                              |                                                                                   |                                            |
| SIZE                                                                                                                                                                                                                                             | DEPTH SET (MD)                                                               | PACKER SET (MD)                                                                   |                                            |
| 2-3/8" E.U.E.                                                                                                                                                                                                                                    | 8268                                                                         | 6330                                                                              |                                            |
| 31. PERFORATION RECORD (Interval, size and number)<br>8246, 47, 48, 49, 50, 51, 52, 53, 54, 55, 94, 95, 96, 97, 98, 8302, 03, 04, 34, 35, 36. (Total of 21 - 0.36" holes)<br>8148-58, 77, 78, 79 (1 shot per ft.)<br>(Total of 14 - 0.40" holes) |                                                                              |                                                                                   |                                            |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                   |                                                                              |                                                                                   |                                            |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                              | AMOUNT AND KIND OF MATERIAL USED                                             |                                                                                   |                                            |
| 8246 - 8336                                                                                                                                                                                                                                      | 250 gal. 15% HCL, 75,800 lb 20-40 sand, 58,000 gal 30 lb cross link gel.     |                                                                                   |                                            |
| 8148 - 8179                                                                                                                                                                                                                                      | 1000 gal 15% HCL, 34,800 lb 20-40 sand, 40,150 gal 30# X-linked gel.         |                                                                                   |                                            |
| 33.* PRODUCTION                                                                                                                                                                                                                                  |                                                                              |                                                                                   |                                            |
| DATE FIRST PRODUCTION 9/20/82                                                                                                                                                                                                                    | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing |                                                                                   | WELL STATUS (Producing or shut-in) Shut-In |
| DATE OF TEST 11/1/82                                                                                                                                                                                                                             | HOURS TESTED 3                                                               | CHOKE SIZE 3/4"                                                                   | PROD'N. FOR TEST PERIOD                    |
| FLOW. TUBING PRESS. 71                                                                                                                                                                                                                           | CASING PRESSURE                                                              | CALCULATED 24-HOUR RATE                                                           | OIL—BBL. 958                               |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented - To be sold                                                                                                                                                                |                                                                              |                                                                                   |                                            |
| 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 Kenneth E. Roddy                                                                                                                                                                                                                          |                                                                              | TITLE Production Superintendent                                                   |                                            |
| Kenneth E. Roddy                                                                                                                                                                                                                                 |                                                                              | DATE NOV 22 1982                                                                  |                                            |

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

NMOC

FARMINGTON DISTRICT  
BY Stephen Mason

# 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.

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.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 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. **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.)

**Item 28:** Surface Csg: 420 cu. ft. class "B" w/3% CaCl<sub>2</sub> and 4 sx. Flocele.  
9-5/8" Csg: Cemented first stage with 1120 cu. ft. of 50-50 Poz with 2% gel, 10% salt, 6 lb. of gilsonite per sack and 177 cu. ft. of class "B" with 2% CaCl<sub>2</sub>. Cemented second stage with 1293 cu. ft. of 65-35 Poz-mix with 6% gel, 10 lb. of gilsonite per sack, and 10% salt and 177 cu. ft. of class "B" with 2% CaCl<sub>2</sub>.  
7" Csg: 819 cu. ft. of 50-50 Poz with 2% gel, 0.6% F.L.A., 0.5% friction reducer.

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 38. GEOLOGIC MARKERS |             |                  |
|-----------|-----|--------|-----------------------------|----------------------|-------------|------------------|
|           |     |        |                             | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Ojo Alamo            | 3350        |                  |
|           |     |        |                             | Kirtland             | 3565        |                  |
|           |     |        |                             | Fruitland            | 3670        |                  |
|           |     |        |                             | Pictured Cliffs      | 3940        |                  |
|           |     |        |                             | Chacra               | 4715        |                  |
|           |     |        |                             | Cliff House          | 5577        |                  |
|           |     |        |                             | Point Lookout        | 6105        |                  |
|           |     |        |                             | Gallup               | 6800        |                  |
|           |     |        |                             | Greenhorn (Base)     | 8095        |                  |
|           |     |        |                             | Dakota               | 8146        |                  |