

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                              |  |                                                                                 |  |                                                                                    |                                               |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|-----------------------------------------------|--|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                    |  |                                                                                 |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF 080724-A                                 |                                               |  |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ |  |                                                                                 |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                               |                                               |  |
| 2. NAME OF OPERATOR<br>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>Zachry                                                    |                                               |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 1980 ft./S; 660 ft./E line<br>At top prod. interval reported below Same as above<br>At total depth Same as above   |  |                                                                                 |  | 9. WELL NO.<br>34                                                                  |                                               |  |
| 14. PERMIT NO.                                                                                                                                                                                                               |  |                                                                                 |  | 10. FIELD AND POOL, OR WILDCAT<br>Armenta Gallup Ext.                              |                                               |  |
| 15. DATE SPUDDED 10/19/82                                                                                                                                                                                                    |  |                                                                                 |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 34, T29N, R10W, N.M.P.M. |                                               |  |
| 16. DATE T.D. REACHED 11/2/82                                                                                                                                                                                                |  |                                                                                 |  | 12. COUNTY OR PARISH<br>San Juan                                                   |                                               |  |
| 17. DATE COMPL. (Ready to prod.) 12/13/82                                                                                                                                                                                    |  |                                                                                 |  | 13. STATE<br>New Mexico                                                            |                                               |  |
| 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5713 R.K.B.                                                                                                                                                                          |  |                                                                                 |  | 19. ELEV. CASINGHEAD 5701                                                          |                                               |  |
| 20. TOTAL DEPTH, MD & TVD 6030 MD & TVD                                                                                                                                                                                      |  | 21. PLUG, BACK T.D., MD & TVD 5962 MD & TVD                                     |  | 22. IF MULTIPLE COMPL., HOW MANY* _____                                            |                                               |  |
| 23. INTERVALS DRILLED BY _____                                                                                                                                                                                               |  |                                                                                 |  | ROTARY TOOLS 0-6030                                                                |                                               |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>5323 - 5904 Gallup (MD & TVD)                                                                                                               |  |                                                                                 |  | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                              |                                               |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Induction, Comp. Density, Sidewall Neutron Porosity, Gamma Ray Spectro, Temp.                                                                                                        |  |                                                                                 |  | 27. WAS WELL CORED<br>Yes                                                          |                                               |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                           |  |                                                                                 |  |                                                                                    |                                               |  |
| CASING SIZE                                                                                                                                                                                                                  |  | WEIGHT, LB./FT.                                                                 |  | DEPTH SET (MD)                                                                     |                                               |  |
| 10-3/4"                                                                                                                                                                                                                      |  | 40.50#                                                                          |  | 281                                                                                |                                               |  |
| 7-5/8"                                                                                                                                                                                                                       |  | 26.40#                                                                          |  | 4790                                                                               |                                               |  |
| 5-1/2"                                                                                                                                                                                                                       |  | 15.50#                                                                          |  | 4587-6024                                                                          |                                               |  |
| HOLE SIZE                                                                                                                                                                                                                    |  | CEMENTING RECORD                                                                |  | AMOUNT PULLED                                                                      |                                               |  |
| 14-3/4"                                                                                                                                                                                                                      |  | See Reverse Side                                                                |  |                                                                                    |                                               |  |
| 9-7/8"                                                                                                                                                                                                                       |  | See Reverse Side                                                                |  |                                                                                    |                                               |  |
| 6-3/4"                                                                                                                                                                                                                       |  | See Reverse Side                                                                |  |                                                                                    |                                               |  |
| 29. LINER RECORD                                                                                                                                                                                                             |  |                                                                                 |  |                                                                                    |                                               |  |
| SIZE                                                                                                                                                                                                                         |  | TOP (MD)                                                                        |  | BOTTOM (MD)                                                                        |                                               |  |
| 5-1/2"                                                                                                                                                                                                                       |  | 4587                                                                            |  | 6024                                                                               |                                               |  |
| SACKS CEMENT*                                                                                                                                                                                                                |  | SCREEN (MD)                                                                     |  | 30. TUBING RECORD                                                                  |                                               |  |
|                                                                                                                                                                                                                              |  |                                                                                 |  | SIZE                                                                               |                                               |  |
|                                                                                                                                                                                                                              |  |                                                                                 |  | DEPTH SET (MD)                                                                     |                                               |  |
|                                                                                                                                                                                                                              |  |                                                                                 |  | PACKER SET (MD)                                                                    |                                               |  |
|                                                                                                                                                                                                                              |  |                                                                                 |  | 2-3/8"E.U.E. 5854                                                                  |                                               |  |
| 31. PERFORATION RECORD (Interval, size and type of tool bit)<br>See Attachment                                                                                                                                               |  |                                                                                 |  |                                                                                    |                                               |  |
| ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>See Attachment                                                                                                                                                                 |  |                                                                                 |  |                                                                                    |                                               |  |
| 33.* PRODUCTION                                                                                                                                                                                                              |  |                                                                                 |  |                                                                                    |                                               |  |
| DATE FIRST PRODUCTION<br>12/15/82                                                                                                                                                                                            |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |  |                                                                                    | WELL STATUS (Producing or shut-in)<br>Shut-In |  |
| DATE OF TEST<br>12/31/82                                                                                                                                                                                                     |  | HOURS TESTED<br>24                                                              |  | CHOKE SIZE<br>3/4"                                                                 |                                               |  |
| PROD'N. FOR TEST PERIOD<br>27                                                                                                                                                                                                |  | OIL—BBL.<br>48                                                                  |  | GAS—MCF.<br>0                                                                      |                                               |  |
| WATER—BBL.<br>0                                                                                                                                                                                                              |  | GAS-OIL RATIO<br>1778                                                           |  |                                                                                    |                                               |  |
| FLOW. TUBING PRESS.<br>125                                                                                                                                                                                                   |  | CASING PRESSURE<br>425                                                          |  | CALCULATED 24-HOUR RATE<br>27                                                      |                                               |  |
| OIL—BBL.<br>48                                                                                                                                                                                                               |  | GAS—MCF.<br>0                                                                   |  | WATER—BBL.<br>0                                                                    |                                               |  |
| OIL GRAVITY-API (CORR.)<br>40°                                                                                                                                                                                               |  |                                                                                 |  |                                                                                    |                                               |  |
| 34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)<br>Vented - To be sold                                                                                                                                           |  |                                                                                 |  | TEST WITNESSED BY<br>Bennie Brown                                                  |                                               |  |
| 35. LIST OF ATTACHMENTS<br>Perforation and fracture record.                                                                                                                                                                  |  |                                                                                 |  |                                                                                    |                                               |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.                                                                                              |  |                                                                                 |  |                                                                                    |                                               |  |

SIGNED Kenneth E. Roddy  
Kenneth E. RoddyTITLE Area Production Supt.DATE January 4, 1983

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

FARMINGTON DISTRICT  
JAN 19 1983

# 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 of 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:** 10-3/4" Csg: 320 cu. ft. of class "B" with 1/4 lb. Flocele and 3% CaCl<sub>2</sub>.

7-5/8" Csg: First stage: 1000 cu. ft. Howco Light with 12-1/2 lb. gilsonite, 1/4 lb. Flocele and 118 cu. ft. of class "B" with 2% CaCl<sub>2</sub>. Second stage: 1359 cu. ft. of 65-35 Poz with 12% gel, 1/4 lb. Flocele and 12-1/2 lb. of gilsonite and 118 cu. ft. of class "B" with 2% CaCl<sub>2</sub>.

5-1/2" Csg: 198 cu. ft. of 50-50 Poz with 2% gel, 0.6% F.L.A., 10 lb. salt per sack, 1/4 lb. Flocele, 0.5% F.R.

## 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            | 800         |                  |
|           |     |        |                             | Kirtland             | 832         |                  |
|           |     |        |                             | Fruitland            | 1590        |                  |
|           |     |        |                             | Pictured Cliffs      | 1823        |                  |
|           |     |        |                             | Chacra               | 2427        |                  |
|           |     |        |                             | Cliff House          | 3395        |                  |
|           |     |        |                             | Point Lookout        | 4116        |                  |
|           |     |        |                             | Gallup               | 5322        |                  |

Union Texas Petroleum Corporation  
Zachry No. 34  
1980 ft./S; 660 ft./E line  
Sec. 34, T29N, R10W

Well Completion Report and Log  
Items 31 and 32

Lower Gallup

Perforations: 5904, 03, 5896, 90, 63, 60, 56, 51, 35, 28, 22, 18, 5797, 90, 83,  
74, 63, 55, 45, 39, 36, 16, 03, 5696, 90. (Total of 25 - 0.40" holes)  
Spotted 5 bbls. of 15% HCl.  
Acidized with 1350 gallons of 15% HCl and ball sealers.  
Frac'd. with 100,000 gallons of 70 quality foam and 100,000 lb. of 20-40 sand.

Middle Gallup

Perforations: 5540, 50, 59, 67, 78, 85, 92, 98, 5607, 12, 18, 21, 32, 37, 42, 48.  
(Total of 16 - 0.40" holes)  
Spotted 4 bbls. of 15% HCl.  
Acidized with 1000 gallons of 15% HCl and ball sealers.  
Frac'd. with 15,078 gallons of 70 quality foam and 41,312 lb. of 20-40 sand.

Upper Gallup

Perforations: 5323, 31, 35, 47, 59, 66, 83, 94, 5412, 17, 20, 30, 35, 40, 46, 56,  
61, 66, 70, 81, 90, 95, 5500. (Total of 23 - 0.40" holes)  
Spotted 4 bbl. of 15% HCl.  
Acidized with 1150 gallons of 15% HCl and ball sealers.  
Frac'd. with 70,000 gallons of 70 quality foam and 70,000 lb. of 20-40 sand.