

(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR ☐ Other OCT 29 1985

2. NAME OF OPERATOR  
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR  
375 U.S. Highway 64 - Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 790' FNL & 1850' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 6/22/84 16. DATE T.D. REACHED 7/12/84 17. DATE COMPL. (Ready to prod.) 8/6/85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7058 GR 7070 KB 19. ELEV. CASINGHEAD 7059

20. TOTAL DEPTH, HD & TVD 8177 KB 21. PLUG, BACK T.D., MD & TVD 8123 22. IF MULTIPLE COMPL., HOW MANY\* Downhole Comm 23. INTERVALS DRILLED BY 0-8177

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Gallup 7527-6998 (gross)  
Mesaverde 5866-5311 (gross)

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL-GR, CDL-CNL-GR

27. WAS WELL CORED  
No

| 28. CASING RECORD (Report all strings set in well) |                 |                |                 |                  |               |
|----------------------------------------------------|-----------------|----------------|-----------------|------------------|---------------|
| CASING SIZE                                        | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE       | CEMENTING RECORD | AMOUNT PULLED |
| 10-3/4"                                            | 32.7            | 467'           | 14"             | See Attached     |               |
| 5-1/2"                                             | 15# 17#         | 8177'          | 9-7/8 - 6122    |                  |               |
| 5-1/2"                                             |                 |                | 7-7/8 6122-8177 |                  |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-3/8"            | 7415           |                 |

| 31. PERFORATION RECORD (Interval, size, etc.) |                                  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|-----------------------------------------------|----------------------------------|------------------------------------------------|----------------------------------|
| DEPTH INTERVAL (MD)                           | AMOUNT AND KIND OF MATERIAL USED | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| See Attached                                  |                                  |                                                | See Attached                     |

| 33.* PRODUCTION       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 6/27/85               |                 | Flowing                                                              |                         |          |            | Shut-in                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 9/14/85               | 3               | 3/4"                                                                 |                         | 0        | 267        | 0                                  |               |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 172                   | 654             |                                                                      | 0                       | 2132     | 0          |                                    |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented

35. LIST OF ATTACHMENTS  
Section 28, 31, 32

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
SIGNED Robert C. Frank TITLE Regulatory Analyst DATE 10/24/85

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NM000

7. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and content 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. | GEOLOGIC MARKERS |             |                  |
|------------------------------------|------|--------|-----------------------------|------------------|-------------|------------------|
|                                    |      |        |                             | NAME             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo<br>Kirtland<br>Fruitland | 3010 | 3205   | No DST's<br>Water           | Ojo Alamo        | 3010        |                  |
|                                    | 3205 | 3355   | Water                       | Kirtland         | 3205        |                  |
|                                    | 3335 | 3633   | Water                       | Fruitland        | 3355        |                  |
|                                    |      |        |                             | Pictured Cliffs  | 3633        |                  |
|                                    |      |        |                             | Chacra           | 4135        |                  |
|                                    |      |        |                             | Cliff House      | 5274        |                  |
|                                    |      |        |                             | Point Lookout    | 5758        |                  |
|                                    |      |        |                             | Gallup           | 6488        |                  |
|                                    |      |        |                             | Greenhorn        | 7735        |                  |
|                                    |      |        |                             | Dakota           | 7837        |                  |

## Casing Record

| 28) | <u>Size</u> | <u>Weight</u>                           | <u>Depth Set</u>              | <u>Cementing Record</u>                                                                                                                                                                                                                                                                                                                                                                                             |
|-----|-------------|-----------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | 10-3/4"     | 32.7                                    | 467'                          | 485 sks (572 cuft) C1 "B"<br>3% CaCl <sub>2</sub> , 1/4 flocele/sk                                                                                                                                                                                                                                                                                                                                                  |
|     | 5-1/2"      | 15.5 (St&C)<br>15.5 (Lt&C)<br>17 (Lt&C) | 0-898<br>898-1823<br>823-8177 | 1st Stage: 730 sks (956 cuft)<br>50/50 Poz, 2% Gel, 10# salt/sk<br>0.6% FLA.<br><br>2nd Stage: 1100 sks (1523 cuft)<br>50/50 Poz, 2% Gel, 6-1/4# Gil-<br>sonite/sk. Tailed by 100 sks<br>(118 cuft) C1 "B" w/2% CaCl <sub>2</sub> .<br><br>3rd Stage: 690 sks (1695 cuft)<br>65/35 Poz, 12% Gel, 12-1/2 Gil-<br>sonite sks. Tailed w/100 sks<br>(118 cuft) C1 "B" w/2% CaCl <sub>2</sub><br>circ. 5 bls to surface. |

## 31) Perforation Record

|           |                                                                                                                                            |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Dakota    | 7992-91-90-89-88-87-86-85-84-83-82-81-80-79-78-77-76-51-50-49-42-41-40 39-38-06-05-7851-50-49-48. W/31 0.31" shots (Plugged off all perfs) |
| Greenhorn | 7788-84-80-76-72-68-64-60-56-52-48-44-40 w/13, 0.31" holes (Plugged off all perfs)                                                         |
| Gallup    | 7527-26-13-12-04-03, 7439, 7246, 7197-75-65-56-43-36-28-20, 7065-57-50-40-34-04, 6998 w/23 0.31" shots.                                    |
| Mesaverde | 5866-64-58-56-50-49-32-30-26-14-12-10, 5622, 5358-51-46-38-36-34-27-24-20-18-16-12-11 w/27 0.31" shots.                                    |

## 32) Acid, Shot, Fracture, Cement Squeeze, Etc.

| <u>Depth Interval</u> | <u>Material</u>                                              |
|-----------------------|--------------------------------------------------------------|
| 7992-7848 (Dakota)    | Acidize: 1750 gals 15% HCL and 50, 7/8" ball sealers.        |
| Set BPQ 7814'         | Frac: 120,000# 20/40 sand and 103,555 gals 30# gelled water. |
| 7788-7740 (Greenhorn) | Acidize: 2000 gals MSR and 12, 7/8" ball sealers.            |
| Set BP at 7730'       |                                                              |
| 7527-6998 (Gallup)    | Acidize: 2500 gals 15% HCL and 40, 7/8" ball sealers         |
| Set BP at 6012'       | Frac: 120,000# 20/40 and 105,480 gals 20# gelled water.      |

| <u>Depth Interval</u>          | <u>Material</u>                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 32) 5435 & 5270 (Squeezeholes) | Squeeze w/50 sxs C1 "B" to 3000 psi.                                                                                             |
| 5866 - 5311 (Mesaverde)        | Acidize: 2,000 gals 15% HCL and 18,<br>7/8" ball sealers.<br>Frac: 115,000# 20/40 and 94,850<br>gals 2% KCL                      |
| Cement Retainer at 7695        | Couldn't drill up BP at 7730. Squeeze<br>below retainer with 50 sxs C1 "B"<br>w/0.75% CFR-2.<br><br>Abandon Dakota and Greenhorn |