

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

Form approved.  
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 ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

375 US Highway 64, Farmington, NM 87401

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

At surface

At top prod. interval reported below 1450' ESL & 1185' FWL

At total depth

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

11/07/86

16. DATE T.D. REACHED

11/15/86

17. DATE COMPL. (Ready to prod.)

12/19/86

18. ELEVATIONS (DP, RKB, RT, OR, ETC.)\*

7270 GL, 7282 KB

19. ELEV. CASINGHEAD

7271

20. TOTAL DEPTH, MD & TVD

6120 KB

21. PLUG. BACK T.D., MD & TVD

6084 KB

22. IF MULTIPLE COMPL., HOW MANY\*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-6120

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5951-6022 Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEL-GR, FDC-CNL

27. WAS WELL CORED

No

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 9-5/8       | 40              | 307            | 12-1/4    | See attached     |               |
| 7           | 23              | 4174           | 8-3/4     | See attached     |               |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |

29. LINER RECORD

| SIZE  | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) |
|-------|----------|-------------|---------------|-------------|
| 4-1/2 | 3913     | 6120        | See           | attached    |

30. TUBING RECORD

| SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------------|-----------------|
| 2-3/8 | 5999           |                 |

31. PERFORATION RECORD (Interval, size and number)

See attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| See attached        |                                  |
|                     |                                  |
|                     |                                  |

33. PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 12/19/86              |                 | Flowing                                                              |                         |          |            | shut-in                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKER SIZE                                                          | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 1/13/87               | 3               | 3/4                                                                  | →                       | 0        | 318        | 0                                  | N/A           |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 204                   | 507             | →                                                                    | 0                       | 2544     | 0          | N/A                                |               |

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

Vented (to be sold)

TEST WITNESSED BY

Steve Voiles

35. LIST OF ATTACHMENTS

Cementing, Perforation and Stimulation Records

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

Permit Coordinator

ACCEPTED FOR RECORD

FEB 12 1987

FARMINGTON RESOURCE AREA

2/06/87

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

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):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                                                                                 | TOP                                          |                  |
|-----------|-----|--------|-----------------------------|--------------------------------------------------------------------------------------|----------------------------------------------|------------------|
|           |     |        |                             |                                                                                      | MEAS. DEPTH                                  | TRUE VERT. DEPTH |
|           |     |        |                             | Kirtland*<br>Fruitland*<br>Pictured Cliffs*<br>Lewis*<br>Cliffhouse<br>Point Lookout | 3578<br>3642<br>3815<br>3918<br>5471<br>5943 |                  |
|           |     |        |                             | *Based on offset logs                                                                |                                              |                  |

Section 28, Cementing Record

Surface Casing: 200 sxs (236 cu.ft.) Class "B" containing 2% CaCl<sub>2</sub> and 1/4# flocele/sk. Circulate 20 bbls (112 cu.ft.) of cement to surface.

Intermediate Casing: 290 sxs (832 cu.ft.) 65/35 POZ containing 12% gel and 12-1/4# gilsonite/sk, tailed by 100 sxs (118 cu.ft.) Cl "B" with 2% CaCl<sub>2</sub>. Cement top at 2800' by temperature survey.

Production Liner: 290 sxs (455 cu.ft.) 50/50 POZ with 4% gel, 6-1/4# gilsonite/sk and 10# salt/sk. Perforate 2 holes at 5900'. Squeeze with 100 sxs (118 cu.ft.) Cl "B". Cement top at 5884' KB by cement bond log.

Section 31, Perforation Record

Mesaverde Total 30 - 0.32" holes, 2 spf @ 5951', 53', 55', 57', 83', 87', 89', 91', 98', 6001', 14', 16', 18', 20', 22'.

Section 32, Stimulation Record

5900' Squeeze with 100 sxs (118 cu.ft.) Cl "B".

5951'-6022' Acidize: 1500 gals 15% HCL and 60 - 7/8" ball sealers.  
Frac: 165,000# 20/40 sand in 201,000 gals. 2% KCL slick water.