

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 079616

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other ☐

3. NAME OF OPERATOR

Union Texas Petroleum Corporation

4. ADDRESS OF OPERATOR

P. O. Box 1290, Farmington, New Mexico 87499

At top prod. interval reported below Same as above

At total depth Same as above

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

14. PERMIT NO. DATE ISSUED

7. UNIT AGREEMENT NAME

FARM OR LEASE NAME  
McCroden "A"

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Ojito Gallup-Dakota Ext.

Sec. 9, T25N, R3W,  
N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED 16. DATE TD REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (D.F., R.B., RT. CE, ETC.) \* 19. ELEV. CASINGHEAD

8/6/84 9/3/84 11/9/84 7200 R.K.B. 7188

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY \* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

8270 MD & TVD 8225 MD & TVD NA 0-8270

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) \* 25. WAS DIRECTIONAL SURVEY MADE

6944 - 7554 Gallup MD & TVD 7842 - 7897 Greenhorn MD & TVD 7939 - 8114 Dakota MD & TVD No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

Induction-Gamma Ray and Neutron Density No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 8-5/8"      | 24.00#          | 317            | 12-1/4"   | See Supplement   |               |
| 4-1/2"      | 11.60#          | 8269           | 7-7/8"    | See Supplement   |               |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT * | SCREEN (MD) | SIZE         | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|----------------|-------------|--------------|----------------|-----------------|
|      |          |             |                |             | 2-3/8"E.U.E. | 8099           | NA              |

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

See Supplement

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

See Supplement

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

11/13/84 Pumping Producing

HOURS TESTED CHOKER SIZE PROD'N FOR TEST PERIOD OIL—BBL. GAS—MCF WATER—BBL. GAS-OIL RATIO

1/16/85 24 3/4" 57 31 3 544

CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF WATER—BBL. OIL GRAVITY-API (CORR.)

130 57 31 3 40°

DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

Vented - To Be Sold John Rector

34. LIST OF ATTACHMENTS

Item No. 28, 31, and 32 (Cementing Record, Perforation and Treatment Records)

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Kenneth E. Roddy TITLE: Area Production Supt. DATE: 1/18/85

FARMINGTON RESOURCE AREA

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

17. 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. | NAME            | TOP         |                  |
|-----------|-----|--------|-----------------------------|-----------------|-------------|------------------|
|           |     |        |                             |                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| 38.       |     |        |                             | Ojo Alamo       | 3252        |                  |
|           |     |        |                             | Kirtland        | 3435        |                  |
|           |     |        |                             | Pictured Cliffs | 3687        |                  |
|           |     |        |                             | Chacra          | 4648        |                  |
|           |     |        |                             | Cliff House     | 5360        |                  |
|           |     |        |                             | Point Lookout   | 5853        |                  |
|           |     |        |                             | Gallup          | 6940        |                  |
|           |     |        |                             | Greenhorn       | 7834        |                  |
|           |     |        |                             | Dakota          | 7930        |                  |

GEOLOGIC MARKERS



Supplement to Completion Report  
Union Texas Petroleum Corporation  
McCroden "A" No. 4  
990 FNL; 960 FWL  
Rio Arriba County, New Mexico

Item No. 28 - Cementing Record

8-5/8" casing - 295 cu. ft. of class "B" with 2% calcium chloride  
and 1/4 lb. of Flocele per sack.

4-1/2" casing - Stage collar set at 3910 ft. and 6230 ft.  
Cemented first stage with 819 cu. ft. of 50-50  
pozmix with 2% gel, 0.6% FLA, and 10 lb. of  
salt per sack. Second stage: 1060 cu. ft. of  
50-50 pozmix with 4% gel, 6-1/4 lb. of gilsonite  
per sack, followed by 118 cu. ft. of class "B"  
with 2% calcium chloride. Third stage: 1292  
cu. ft. of 65-35 pozmix with 12% gel, 12-1/2 lb.  
of gilsonite per sack, 2% calcium chloride, and  
1/4 lb. of Flocele per sack, followed by 118 cu.  
ft. of class "B" with 2% calcium chloride.  
Cement did not circulate to the surface.

Item No. 31 and 32 - Perforation and Stimulation Record

Dakota Perforations: 8114, 12, 10, 08, 06, 04, 02, 8100, 8098,  
96, 94, 92, 90, 8088, 7962, 60, 58, 43, 41,  
7939. Total of 20 - 0.34" holes. Spotted  
250 gallons of 15% HCl across perforations.  
Broke down perforations and acidized with  
1500 gallons of 15% HCl and 30 ball sealers.  
Frac'd. Dakota with 105,200 gallons of gelled  
KCl water and 130,000 lb. of 20-40 sand.

Greenhorn Perforations: 7897, 92, 82, 74, 68, 64, 60, 52, 46, 42,  
Total of 10 - 0.34" holes. Spotted 250  
gallons of 15% HCl MSR. Broke down perforations  
and acidized with 2000 gallons of MSR and 10  
ball sealers and 1000 SCF per bbl. of nitrogen.

Gallup Perforations: 7554, 32, 30, 7406, 7399, 86, 68, 60, 47, 36,  
14, 06, 02, 7268, 48, 40, 32, 28, 02, 7178,  
61, 50, 40, 24, 20, 7087, 85, 58, 52, 6982,  
62, 55, 44. Total of 33 - 0.33" holes.  
Spotted 500 gallons of 15% HCl across perforations.  
Broke down perforations and acidized with 2000  
gallons of 15% HCl. Frac'd. Gallup with 200,000  
lb. of 20-40 sand and 154,134 gallons of 30-pound  
cross-linked gelled water.