

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF080724-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Zachry

9. WELL NO.

39

10. FIELD AND POOL, OR WILDCAT

Armenta Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREASec. 11, T28N, R10W,  
N.M.P.M.12. COUNTY OR  
PARISH

San Juan

13. STATE

New Mexico

## 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

P.O. Box 808, Farmington, New Mexico 87499

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

At surface 1695 ft./S; 1750 ft./W line

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

15. DATE SPUNDED 12/14/82 16. DATE T.D. REACHED 12/23/82 17. DATE COMPL. (Ready to prod.) 2/1/83 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5649 R.K.B. 19. ELEV. CASINGHEAD 5637

20. TOTAL DEPTH, MD &amp; TVD 5950 MD &amp; TVD 21. PLUG, BACK T.D., MD &amp; TVD 5940 MD &amp; TVD 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS ROTARY TOOLS 10-3950 CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 5342 - 5922 Gallup (MD &amp; TVD) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp. Dens., Comp. Neutron, Temp., D.I.F.

OIL CON. DIV.]

27. WAS WELL CORED

No

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

DIST. 3

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 10-3/4"     | 40.50           | 289            | 14-3/4"   | See Reverse Side |               |
| 7-5/8"      | 26.40           | 5310           | 9-7/8"    | See Reverse Side |               |
| 5-1/2"      | 17.00           | 5147-5950      | 6-3/4"    | See Reverse Side |               |

29. LINER RECORD

5-1/2", 15.50#

| SIZE           | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE          | DEPTH SET (MD) | PACKER SET (MD) |
|----------------|----------|-------------|---------------|-------------|---------------|----------------|-----------------|
| 5-1/2", 15.50# | 5147     | 5950        |               |             | 2-3/8" E.U.E. | 5789           |                 |

31. PERFORATION RECORD (Interval, size and number)

5732-5922 - 30 holes

5553-5696 - 29 holes

5342-5516 - 28 holes

See Attachment

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

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

33.\* PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 2/3/83                |                 | Pumping                                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 3/4/83                | 24              | 1"                                                                   | →                       | 45       | 309        | -0-                                | 6867          |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OI. GRAVITY-API (CORR.)            |               |
| 35                    | 308             | →                                                                    | 45                      | 309      | -0-        | 40°                                |               |

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

Sold - First Sale 2/28/83

TEST WITNESSED BY

David Roark

35. LIST OF ATTACHMENTS

Perforation and Fracture Record

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 Area Production Supt.

DATE March 15, 1983

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

NMOCC

FARMINGTON DISTRICT

# 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.)

- tem 28: 10-3/4" Casing: Cemented with 295 cu. ft. of class "B" with 2% CaCl<sub>2</sub> and 1/4 lb. of Flocele per sack, 12-1/2 lb. of gil-  
7-5/8" Casing: First Stage: 1624 cu. ft. of 65-35 Poz with 6% gel, 1/4 lb. of Flocele per sack, 12-1/2 lb. of gil-  
sonite per sack, and 118 cu. ft. of class "B" with 2% CaCl<sub>2</sub>. Second stage: 1470 cu. ft. of 65-35 Poz with 12% gel, 1/4  
lb. of Flocele per sack, 12-1/2 lb. of gilsonite per sack, and 118 cu. ft. of class "B" with 2% CaCl<sub>2</sub>.  
5-1/2" Casing: Cemented with 231 cu. ft. of self-stress, D-60 cement.

## 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            | TOP         |                  |
|-----------------|-------------|------------------|
|                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo       | 800         |                  |
| Kirtland        | 875         |                  |
| Fruitland       | 1582        |                  |
| Pictured Cliffs | 1832        |                  |
| Chacra          | 2420        |                  |
| Cliff House     | 3390        |                  |
| Point Lookout   | 4120        |                  |
| Gallup          | 5340        |                  |

Union Texas Petroleum Corporation  
Zachry No. 39  
1695 ft./S; 1750 ft./W line  
Sec. 11, T28N, R10W  
San Juan County, New Mexico

Item No. 31 and No. 32  
Perforation and Fracture Record

Lower Gallup

Perforations: 5732, 37, 45, 55, 64, 68, 77, 86, 94, 5800, 07, 16, 25, 30,  
34, 40, 46, 51, 56, 68, 77, 82, 88, 93, 5900, 06, 11, 18,  
20, 22. (Total of 30 - 0.40" holes)

Spotted 250 gallons of 10% acetic acid across perforations.

Acidized with 1000 gallons of 15% HCL and ball sealers.

Frac'd with 74,400 lb. of 20-40 sand, 1,603,377 SCF of nitrogen and 544 bbls.  
of 2% KCL water.

Middle Gallup

Perforations: 5553, 59, 66, 70, 76, 80, 83, 94, 5602, 06, 11, 15, 24, 29,  
34, 38, 42, 48, 52, 55, 58, 64, 67, 70, 76, 83, 88, 92, 96.  
(Total of 29 - 0.40" holes)

Spotted 250 gallons of 10% acetic acid across perforations.

Acidized with 1500 gallons of 15% HCL and ball sealers.

Frac'd. with 100,000 lb. of 20-40 sand and 75 quality foam. Used 1,830,048  
SCF of nitrogen and 581 bbl. of 2% KCL water.

Upper Gallup

Perforations: 5342, 46, 52, 58, 64, 68, 74, 84, 94, 98, 5404, 14, 25, 30,  
33, 38, 46, 52, 60, 65, 74, 78, 83, 90, 98, 5506, 12, 16.  
(Total of 28 - 0.38" holes)

Spotted 250 gallons of 10% acetic acid across perforations.

Acidized with 1000 gallons of 15% HCL and ball sealers.

Frac'd. with 100,000 lb. of 20-40 sand with 75 quality foam. Used 1,994,247  
SCF of nitrogen and 1237 bbl. of 2% KCL water.