

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other side for  
instructions on  
reverse side)Form approved,  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC 032511 (C)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Langlie-Jal Unit

8. FARM OR LEASE NAME

9. WELL NO.

87

10. FIELD AND POOL, OR WILDCAT

Langlie-Mattix (Queen)

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 17, T-25-S, R-37-E

12. COUNTY OR  
PARISH  
Lea13. 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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

1300 Wilco Building, Midland, Texas 79701

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

At surface Unit Letter "B", 660' FNL &amp; 1980' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

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11-13-74

(This Deepening)

15. DATE SPUDDED 12-8-52 16. DATE T.D. REACHED 12-31-74 17. DATE COMPL. (Ready to prod.) 1-15-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3146' DF 19. ELEV. CASINGHEAD ---

20. TOTAL DEPTH, MD &amp; TVD 3650' 21. PLUG, BACK T.D., MD &amp; TVD 3648' 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS 0-3650' CABLE TOOLS ---

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

3314-3542' Seven-Rivers Queen

25. WAS DIRECTIONAL  
SURVEY MADE?

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron-Formation Density Log,  
Dual Laterolog, Microlaterolog

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"     | 32.75#          | 313'           | NA        | 250 Sx.          | Circ.         |
| 7"          | 20-23#          | 3248'          | NA        | 200 Sx.          | ---           |

29. LINER RECORD

| SIZE   | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE         | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------|-------------|---------------|-------------|--------------|----------------|-----------------|
| 4 1/2" | 3008'    | 3650'       | 100 Sx.       | ---         | 2 3/8-2 7/8" | 3513'          | ---             |

30. TUBING RECORD

| 31. PERFORATION SCHEDULE (Report all hole numbers) w/1 JSPE                                                                                                                                               | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                                |                     |                                  |            |                                    |            |                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------|------------|------------------------------------|------------|---------------------------------------------------------------------------------------------------------------|
| 3314, 3318, 3322, 3328, 3332, 3338, 3342;<br>3346, 3350, 3354, 3362, 3366, 3370, 3374,<br>3378, 3382, 3386, 3424-28, 3452-60, 3472-74,<br>3490-96, 3508-20, 3524-28, 3530-36, 3538-42<br>(Total 71 Holes) | <table><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr><tr><td>3314-3542'</td><td>Acidized w/2250 gals. 15% NE Acid.</td></tr><tr><td>3314-3542'</td><td>Sand Frac. w/42,000 gals. 2% KCL<br/>wtr. &amp; 42,000# 20/40 sand using<br/>3000# rock salt as diverting<br/>agent.</td></tr></table> | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED | 3314-3542' | Acidized w/2250 gals. 15% NE Acid. | 3314-3542' | Sand Frac. w/42,000 gals. 2% KCL<br>wtr. & 42,000# 20/40 sand using<br>3000# rock salt as diverting<br>agent. |
| DEPTH INTERVAL (MD)                                                                                                                                                                                       | AMOUNT AND KIND OF MATERIAL USED                                                                                                                                                                                                                                                                                              |                     |                                  |            |                                    |            |                                                                                                               |
| 3314-3542'                                                                                                                                                                                                | Acidized w/2250 gals. 15% NE Acid.                                                                                                                                                                                                                                                                                            |                     |                                  |            |                                    |            |                                                                                                               |
| 3314-3542'                                                                                                                                                                                                | Sand Frac. w/42,000 gals. 2% KCL<br>wtr. & 42,000# 20/40 sand using<br>3000# rock salt as diverting<br>agent.                                                                                                                                                                                                                 |                     |                                  |            |                                    |            |                                                                                                               |

33.\* PRODUCTION agent.

| DATE FIRST PRODUCTION |                     | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|---------------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| 1-31-75               |                     | Pumping                                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED        | CHOKER SIZE                                                          | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 2-2-75                | 24                  |                                                                      | →                       | 54.9     | TSTM       | 89.7                               | ---           |
| FLOW. TUBING PRESS.   | CASING PRESS. (PSI) | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 0                     | 0                   | →                                                                    | 54.9                    | TSTM     | 89.7       | 35.2                               |               |

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

Sold

TEST WITNESSED BY

Frank Vasseur

35. LIST OF ATTACHMENTS Compensated Neutron-Formation Density Log, Dual Laterolog, Microlaterolog.

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

SIGNED

Stanley A. Post

TITLE Gas Measurement Analyst

DATE 2-3-75

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

# 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.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENT THEREON; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, BLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |       |        |                                                                            | 38. GEOLOGIC MARKERS |             |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|----------------------------------------------------------------------------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                         | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Caliche & Shells                                                                                                                                                                                                                                  | 0'    | 74'    |                                                                            | Yates                | 2864'       | Same             |
| Red bed & Shale                                                                                                                                                                                                                                   | 74'   | 320'   |                                                                            | Seven-Rivers         | 3130'       | Same             |
| Red bed & Shells                                                                                                                                                                                                                                  | 320'  | 838'   |                                                                            | Queen                | 3454'       | Same             |
| Red bed, Shell & Anhy.                                                                                                                                                                                                                            | 838'  | 1090'  |                                                                            |                      |             |                  |
| Anhy. & Shale                                                                                                                                                                                                                                     | 1090' | 1202'  |                                                                            |                      |             |                  |
| Anhy. & Salt                                                                                                                                                                                                                                      | 1202' | 2000'  |                                                                            |                      |             |                  |
| Anhy. Salt & Gyp                                                                                                                                                                                                                                  | 2000' | 2658'  |                                                                            |                      |             |                  |
| Anhy. & Gyp                                                                                                                                                                                                                                       | 2658' | 2990'  |                                                                            |                      |             |                  |
| Lime, Gyp & Sand                                                                                                                                                                                                                                  | 2990' | 3048'  |                                                                            |                      |             |                  |
| Lime                                                                                                                                                                                                                                              | 3048' | 3100'  |                                                                            |                      |             |                  |
| Lime & Gyp                                                                                                                                                                                                                                        | 3100' | 3315'  |                                                                            |                      |             |                  |
| Lime w/Sand                                                                                                                                                                                                                                       | 3315' | 3404'  |                                                                            |                      |             |                  |
| Lime & Sand                                                                                                                                                                                                                                       | 3404' | 3650'  | Well was deepened from 3404' to 3650' and the contents were lime and sand. |                      |             |                  |
|                                                                                                                                                                                                                                                   |       |        | -TD                                                                        |                      |             |                  |