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Form C-105
Revised 11-1-84

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

Langlie Jal Unit

8. Farm or Lease Name

2. Name of Operator

Union Texas Petroleum Corporation

9. Well No.

103

3. Address of Operator

4000 N. Big Spring, Suite 500, Midland, TX 79705

10. Field and Pool, or Wildcat

Langlie-Mattix (Queen

4. Location of Well

UNIT LETTER P LOCATED 1200 FEET FROM THE south LINE AND 131 FEET FROM

THE East LINE OF SEC. 31 TWP. 24S RGE. 37E N.M.P.M.

12. County

Lea

15. Date Spudded

10/14/84

16. Date T.D. Reached

10/22/84

17. Date Compl. (Ready to Prod.)

11/29/84

18. Elevations (DF, RAB, RT, GR, etc.)

3230 GR

19. Elev. Casinghead

20. Total Depth

3750

21. Plug Back T.D.

3651

22. If Multiple Compl., How Many

no

23. Intervals Drilled By

Rotary Tools 0-3750

Cable Tools

24. Producing interval(s), of this completion - Top, Bottom, Name

3174-3406 (93) 7-Rivers

3470-3599 (99) Queen

25. Was Directional Survey Made

yes

26. Type Electric and Other Logs Run

DLL, EPT, CNL-NGT

27. Was Well Cored

no

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8-5/8 | 24 | 813 | 12-1/4 | 600 sx C | none |
| 5-1/2 | 14 | 3750 | 7-7/8 | 1250 sx C | none |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
| | | | | | 2-7/8 | 3585 | --- |

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

3470-3599 (99)

3174-3406 (93)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|--|
| 3470-3599 | A/230 gal 7½% F/25000 gal + 50000# + 600 SCF/N₂/bbl. |
| 3174-3406 | A/1300 gal 7½% HCL+NEFE, F/1500 gal + 30800# + F/9000 gal XL Gel + 18000# + 600 SCF N₂/bbl |

33. PRODUCTION

Date First Production 11/29/84 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2-1/2"X 2"X 20' Well Status (Prod. or Shut-in) Producing

| | | | | | | | |
|---------------------------|------------------------|----------------------------------|---------------------------------|------------------|---------------------|-----------------------------------|-------------------------|
| Date of Test 12/12/84 | Hours Tested 24 | Choke Size --- | Prod'n. For Test Period → | Oil — Bbl. 46 | Gas — MCF 46 | Water — Bbl. 524 | Gas — Oil Ratio 1000 |
| Flow Tubing Press. --- | Casing Pressure --- | Calculated 24- Hour Rate → | Oil — Bbl. 46 | Gas — MCF 46 | Water — Bbl. 524 | Oil Gravity — API (Corr.) 37.7 | |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Marc Farris

35. List of Attachments

Inclination survey, C-102, Log

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

TITLE Regul. Compl. Coord.

DATE 12/14/84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____ | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt _____ | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt _____ | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates <u>2907</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers <u>3128</u> | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>3470</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinebry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ | T. Granite _____ | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. _____ | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. _____ | T. Penn. "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

| | |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____ | No. 5, from _____ to _____ |
| No. 3, from _____ to _____ | No. 6, from _____ to _____ |

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

| | |
|----------------------------|-------------|
| No. 1, from _____ to _____ | feet. _____ |
| No. 2, from _____ to _____ | feet. _____ |
| No. 3, from _____ to _____ | feet. _____ |
| No. 4, from _____ to _____ | feet. _____ |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|-----------------------|------|----|-------------------|-----------|
| 0 | 1074 | 1074 | Surface to Redbeds | | | | |
| 1074 | 2810 | 1736 | Anhydrite & Salt | | | | |
| 2810 | 2985 | 175 | Anhydrite & Lime | | | | |
| 2985 | 3750 | 765 | Lime, Dolomite & Sand | | | | |