

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-14791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

New Mexico Federal "D"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 4, T-21-S, R-32-E

12. COUNTY OR  
PARISH

13. STATE

Lea N. M.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DEEP ☐ Other \_\_\_\_\_b. TYPE OF COMPLETION:  
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Cleary Petroleum Corporation

3. ADDRESS OF OPERATOR

P. O. Drawer 2358, Midland, Texas 79702

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

At surface 1980' FWL &amp; 3300' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

Letter of 3-16-77

15. DATE SPUDDED

3-17-77

16. DATE T.D. REACHED

5-13-77

17. DATE COMPL. (Ready to prod.)

6-8-77

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3688' GL; 3706' KB

19. ELEV. CASINGHEAD

3685'

20. TOTAL DEPTH, MD &amp; TVD

14,100'

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

14,060'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

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23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-14,100'

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

13,582-13,918' Morrow

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustic Velocity Neutron, Compensated

27. WAS WELL CORED

Acoustic Velocity, Forxo-Guard, Micro-Seismogram, &amp; Radioactivity

No

28. CASING RECORD (Report all strings set in well) \* Circulated Cement

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------------|---------------|
| 13 3/8"     | 54.5#           | 495'           | 17 1/2"   | 650 sx*                   | ---           |
| 9 5/8"      | 40 - 53.5#      | 5202'          | 12 1/4"   | 1st - 710 sx, DV tool set | ---           |
|             |                 |                |           | @ 3254', 2nd st - 1625 sx | *             |
| 5 1/2"      | 17 - 23#        | 14100'         | 7 7/8"    | 830 sx                    | ---           |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 7/8" | 13430'         | 13430'          |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

13,582 - 13,918' 0.39" holes  
59 holes  
(See attached sheet for individual  
intervals)

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                          |
|---------------------|-----------------------------------------------------------|
| 13582-13918'        | 6000 gals. 7 1/2% HCL Ezeflow<br>acid & 1225 SCF CO2/bbl. |

33.\* PRODUCTION

|                       |                 |                                                                      |                                    |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|------------------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                                    |          |            | WELL STATUS (Producing or shut-in) |               |
| 9-7-77                |                 | Flowing                                                              |                                    |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR 1 <sup>ST</sup> PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 9-8-77                | 24              | 15/64"                                                               | —————→                             | 83       | 3100       | 5                                  | 37349         |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                           | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 1900                  | 0               | —————→                                                               | 83                                 | 3100     | 5          | 51.7                               |               |

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

Sold

TEST WITNESSED BY

Clarence Forister

35. LIST OF ATTACHMENTS

Perforation Record, C-122, Deviation Report (Logs were previously submitted to USGS)

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

SIGNED

TITLE Assistant Dist. Prod. Mgr. DATE 9-13-77

\*(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 25, 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 13:** 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 22: "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.)

## 27. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORRELATE INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUSHION TESTS, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 28. GEOLOGIC MARKERS | MEAS. DEPTH | TRUE VERT. DEPTH |
|-----------|-----|--------|-----------------------------|----------------------|-------------|------------------|
|           |     |        |                             | NAME                 |             |                  |
|           |     |        |                             | Rustler Anhy.        | 1334'       |                  |
|           |     |        |                             | Yates                | 3288'       |                  |
|           |     |        |                             | Capitan Reef         | 3470'       |                  |
|           |     |        |                             | Delaware Mtn.        |             |                  |
|           |     |        |                             | Sands                | 5195'       |                  |
|           |     |        |                             | Bone Springs         | 6450'       |                  |
|           |     |        |                             | Wolfcamp             | 10966'      |                  |
|           |     |        |                             | Strawn               | 12526'      |                  |
|           |     |        |                             | Atoka Sand           | 12674'      |                  |
|           |     |        |                             | Atoka Carbonates     | 12938'      |                  |
|           |     |        |                             | Morrow Sands-        |             |                  |
|           |     |        |                             | Upper                | 13504'      |                  |
|           |     |        |                             | Morrow Sands-        |             |                  |
|           |     |        |                             | Lower                | 13858'      |                  |