

NM OIL CONS. COMMISS'N

Drawer DD

Artesia, NM 88210

UNITED STATES

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form Approved  
Budget Bureau No. 42-R355.5.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 P&A

2. NAME OF OPERATOR  
Mesa Petroleum Co. ✓

3. ADDRESS OF OPERATOR  
P.O. Box 2009/Amarillo, Texas 79189

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1980' FSL & 660' FWL

At top prod. interval reported below

At total depth same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 8-7-81

15. DATE SPUDDED 8-17-81 16. DATE T.D. REACHED 8-22-81 17. DATE COMPL. (Ready to prod.) P&A 1-27-83

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3895.8' GR 19. ELEV. CASINGHEAD N/A

20. TOTAL DEPTH, MD & TVD 3500' 21. PLUG BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_

23. INTERVALS COMPLETED BY \_\_\_\_\_ ROTARY TOOLS all CABLE TOOLS \_\_\_\_\_

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

MAR 11 1983

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
N/A

O. C. D.  
ARTESIA, OFFICE

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 |
| 8 5/8"                                             | 24#             | 1600'          | 12 1/4"   | 800/300/200/3100 | none          |
| 4 1/2"                                             | 10.5#           | 3500'          | 7 7/8"    | 500/375          | none          |
|                                                    |                 |                |           |                  |               |
|                                                    |                 |                |           |                  |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             |                   |                |                 |
|                  |          |             |               |             |                   |                |                 |

| 31. PERFORATION RECORD (Interval, size and number)                       |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                            |
|--------------------------------------------------------------------------|--|--|--|------------------------------------------------|--------------------------------------------|
| 2962', 64', 68-72', 76', 85', 87', 89', 91', 93', 95'; total of 16 holes |  |  |  | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED           |
|                                                                          |  |  |  | 2962-2995                                      | A/2500 gal 7½% HCL + 35 BS                 |
|                                                                          |  |  |  | 2962-2995                                      | K/20200 gal Gel KCL + 1000 gal             |
|                                                                          |  |  |  |                                                | CO <sub>2</sub> + 12,000# 100 SD + 77,100# |
|                                                                          |  |  |  |                                                | 20/40 SD                                   |

| 33.* PRODUCTION       |              |                                                                      |                         |          |          |                                    |               |
|-----------------------|--------------|----------------------------------------------------------------------|-------------------------|----------|----------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |              | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |          | WELL STATUS (Producing or shut-in) |               |
|                       |              |                                                                      |                         |          |          | P&A                                |               |
| DATE OF TEST          | HOURS TESTED | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL.                         | GAS-OIL RATIO |
|                       |              |                                                                      |                         |          |          |                                    |               |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE (Orig. Sgd.) | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|--------------------------------------|----------|----------|------------|-------------------------|
|                     |                 |                                      |          |          |            |                         |

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

35. LIST OF ATTACHMENTS  
Record of Inclination

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

SIGNED R. F. Mackis TITLE Regulatory Coordinator DATE 2-15-83

\*(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 production 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 CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |     |        | 38. GEOLOGIC MARKERS            |                                |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|---------------------------------|--------------------------------|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP | BOTTOM | NAME                            | MEAS. DEPTH                    | TRUE VERT. DEPTH |
| NOT LOGGED                                                                                                                                                                                                                                            |     |        | Glorieta<br>Yeso<br>Tubb<br>ABO | 718'<br>897'<br>2271'<br>2914' |                  |

MESA PETROELUM CO.  
Macho Federal No. 7  
1980' FSL & 660' FWL, Sec 11, T7S, R23E  
Chaves County, New Mexico

RECORD OF INCLINATION

| <u>DEPTH</u> | <u>DEVIATIONS</u> |
|--------------|-------------------|
| 426'         | 1/2°              |
| 932'         | 3/4°              |
| 1400'        | 3/4°              |
| 1600'        | 3/4°              |
| 2060'        | 3/4°              |
| 2558'        | 3/4°              |
| 3020'        | 1°                |
| 3500'        | 1°                |

*R. E. Mathis*

R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to me this fifteenth day of February, 1983.

*John Rogers*

Notary Public in and for Potter County, Texas.

Commission expires:

4/15/85