

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
NM OIL CONS. COM. 16  
SUBMIT INCOMPLET  
Drawer DD  
Artesia, NM 88210  
(See other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND NUMBER

NM-16324

6. IF INDIAN, ALLOTMENT OR TRIBE NAME

FEB 24 1982

7. UNIT AGREEMENT NAME

O. C. D.

8. FARM OR LEASE NAME

ARTESIA OFFICE

Charlotte Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Undesignated ABO

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

Sec 30, T7S, R26E

12. COUNTY OR PARISH

Chaves

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. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

MESA PETROLEUM CO.

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

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

At surface 660' FNL &amp; 1980' FEL

At top prod. interval reported below  
sameAt total depth  
same

14. PERMIT NO.

DATE ISSUED

12-22-81

15. DATE SPUDDED

1-15-82

16. DATE T.D. REACHED

1-21-82

17. DATE COMPL. (Ready to prod.)

2-10-82

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

3588' GR

19. ELEV. CASINGHEAD

3588'

20. TOTAL DEPTH, MD &amp; TVD

4354'

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

4069'

22. IF MULTIPLE COMPLETIONS, HOW MANY\*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

A11

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

3879'----3971', ABO

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

27. WAS WELL CORED

No

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

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD            | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-----------------------------|---------------|
| 13 3/8"     | 48#             | 848'           | 17 1/2"   | 700 HLW/300 Thixset/300 "C" | -             |
| 8 5/8"      | 24#             | 1862'          | 12 1/4"   | 750 HLW/300 Thixset/300 "C" | -             |
| 4 1/2"      | 10.5#           | 4350'          | 7 7/8"    | 650 "C"                     | -             |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 3773'          | -               |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3879', 3955', 58', 59', 61', 63', 64', 66', 67', 69', 70', 71', 24 holes 3 1/8" csg gun 2 JSPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                        |
|---------------------|-------------------------------------------------------------------------|
| 3879'----3971'      | A/3750 gal 7 1/2% HCL + 60 BS                                           |
| 3879'----3971'      | F/45,000 gal X-link Gel KCL & CO2 + 60,000# 20/40 SD + 48,000# 10/20 SD |

33.\* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|----------------------------------------------------------------------|------------------------------------|
| -                     | Flowing                                                              | Shut-In                            |

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE      | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO           |
|---------------------|-----------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| 2-10-82             | 4               | 18/64 ORD       | →                       | -        | 217      | -          | -                       |
| FLOW. TUBING PRESS. | CASING PRESSURE | CHOKER PRESSURE | 24-HOUR RATE            | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
| 690                 | 700             | LOGGERS         | →                       | -        | 1302     | -          | -                       |

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

Vented

TEST WITNESSED BY

E.L. Buttross, Jr.

35. LIST OF ATTACHMENTS

C122, Record of Inclination SURVEY

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

SIGNED

R. E. Moschis

TITLE REGULATORY COORDINATOR

DATE 2-12-82

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

xc: MMS (6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, LAND, D&amp;M, TW, K, CTY, LMC, EEB, REM, MTS(3), FILE, PARTNERS

# 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.)

| 27. 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               | DESCRIPTION, CONTENTS, ETC. |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |
| NOT LOGGED                                                                                                                                                                                                                                                                                                                                                                                            |             |                      |                             |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |
| <table border="1"> <thead> <tr> <th rowspan="2">NAME</th> <th colspan="2">TOP</th> </tr> <tr> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>SAN ANDRES</td> <td>458'</td> <td></td> </tr> <tr> <td>GLORIETA</td> <td>1484'</td> <td></td> </tr> <tr> <td>TUBB</td> <td>2986'</td> <td></td> </tr> <tr> <td>ABO</td> <td>3658'</td> <td></td> </tr> </tbody> </table> |             |                      |                             | NAME | TOP |  | MEAS. DEPTH | TRUE VERT. DEPTH | SAN ANDRES | 458' |  | GLORIETA | 1484' |  | TUBB | 2986' |  | ABO | 3658' |  |
| NAME                                                                                                                                                                                                                                                                                                                                                                                                  | TOP         |                      |                             |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                       | MEAS. DEPTH | TRUE VERT. DEPTH     |                             |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |
| SAN ANDRES                                                                                                                                                                                                                                                                                                                                                                                            | 458'        |                      |                             |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |
| GLORIETA                                                                                                                                                                                                                                                                                                                                                                                              | 1484'       |                      |                             |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |
| TUBB                                                                                                                                                                                                                                                                                                                                                                                                  | 2986'       |                      |                             |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |
| ABO                                                                                                                                                                                                                                                                                                                                                                                                   | 3658'       |                      |                             |      |     |  |             |                  |            |      |  |          |       |  |      |       |  |     |       |  |