

Form 9-330  
(Rev. 5-68)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

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

## 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

1660 Lincoln Street, Suite 2800 Denver, CO 80264-2899

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

At surface 1900' FNL &amp; 1660' FEL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO. U. S. GEOLOGICAL SURVEY  
DATE ISSUED MAR 08 1982  
FARMINGTON, N.M.

10-15-81

15. DATE SPUDDED 12-21-81 16. DATE T.D. REACHED 12-30-81 17. DATE COMPL. (Ready to prod.) 1-19-82 18. ELEVATIONS (DF, REB, RT, GL, ETC.)\* 6860' GL 6873' KB 19. ELEV. CASINGHEAD 6860' GL (KB 13')

20. TOTAL DEPTH, MD &amp; TVD 5680' KB 21. PLUG, BACK T.D., MD &amp; TVD 5627' KB 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS 0-5680' CABLE TOOLS N/A

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

Gallup - 5346' - 5581'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CBL-VDL

27. WAS WELL CORED

Yes

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#/ft.         | 238' KB        | 12-1/4"    | 200 sxs Class "B"   | None          |
| 4-1/2"      | 10.5#/ft.       | 5671' KB       | 7-7/8" 450 | 900 sxs 65/35 poz,  | None          |
|             |                 |                |            | 150 sxs stress free | None          |
|             |                 |                |            | 150 sxs neat        |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| N/A  |          |             |               |             | 2-3/8" | 5290'          | N/A             |

31. PERFORATION RECORD (Interval, size and number)

Gallup 5463'-5472' 1JSPF - .32" dia.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED  |
|---------------------|---|
| 5463'-72'           | 11,000 x-link gel w/400 SCF/bbl<br>CO <sub>2</sub> , 15,000# 20-40 sd, 5,000#<br>10-20 sd |

33.\* PRODUCTION

DATE FIRST PRODUCTION 1-21-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 1-21-82 HOURS TESTED 24 CHOKE SIZE N/A PROD'N. FOR TEST PERIOD → OIL—BBL. 40 GAS—MCF. 40 WATER—BBL. trace GAS-OIL RATIO 1M:1

FLOW. TUBING PRESS. N/A CASING PRESSURE 20 psi CALCULATED 24-HOUR RATE → OIL—BBL. 40 GAS—MCF. 40 WATER—BBL. trace OIL GRAVITY-API (CORR.) 42°

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

vented during test-gas to be connected 1-27-82

TEST WITNESSED BY

M. Maser

35. LIST OF ATTACHMENTS

C-104, Deviation Record

ACCEPTED FOR RECORD

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

SIGNED

TITLE

Div. Production Supervisor

DATE

3-1-82

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

NMOCC

BY

Elliott

# 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 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. | NAME                 | TOP<br>MEAS. DEPTH<br>TRUE VERT. DEPTH |
| Ojo Alamo   | 1212(+5661) |        |                             |                      |  |
| Kirtland-   |             |        |                             |                      |  |
| Fruitland   | 1350(+5523) |        |                             |                      |  |
| Pict. Cliffs  | 1913(+4960) |        |                             |                      |  |
| Lewis   | 2014(+4859) |        |                             |                      |  |
| Chacra Zone   | 2785(+4088) |        |                             |                      |  |
| Cliffhouse  | 3426(+3447) |        |                             |                      |  |
| Menefee   | 3487(+3386) |        |                             |                      |  |
| Pt. Lookout   | 4282(+2591) |        |                             |                      |  |
| Mancos  | 4484(+2389) |        |                             |                      |  |
| Gallup  | 5293(+1580) |        |                             |                      |  |
| Marje SS  | 5460(+1413) |        |                             |                      |  |

