

District I  
PO Box 1988, Hobbs, NM 88241-1988  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Bravos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-104  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                             |                                           |                                             |
|---------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------|
| Operator name and Address<br>CONOCO INC.<br>10 Desta Drive Ste 100W<br>MIDLAND, TEXAS 79705 |                                           | OGRID Number<br>005073                      |
|                                                                                             |                                           | Reason for Filing Code<br>CHANGE LEASE NAME |
| API Number<br>30 - 0 30-025-29853                                                           | Pool Name<br>MALJAMAR GRAYBURG SAN ANDRES | Pool Code<br>43329                          |
| Property Code<br>003056                                                                     | Property Name<br>MCA UNIT                 | Well Number<br>369                          |

II. Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E             | 29      | 17 S     | 32 E  |         | 1395          | NORTH            | 1295          | WEST           | LEA    |

Bottom Hole Location

| UL or lot no. | Section               | Township            | Range               | Lot Ida              | Feet from the         | North/South line | Feet from the | East/West line | County |
|---------------|-----------------------|---------------------|---------------------|----------------------|-----------------------|------------------|---------------|----------------|--------|
| E             |                       |                     |                     |                      |                       |                  |               |                |        |
| Lee Code      | Producing Method Code | Gas Connection Date | C-129 Permit Number | C-129 Effective Date | C-129 Expiration Date |                  |               |                |        |
| E             | P                     |                     |                     |                      |                       |                  |               |                |        |

III. Oil and Gas Transporters

| Transporter OGRID | Transporter Name and Address                                         | POD     | O/G | POD ULSTR Location and Description |
|-------------------|----------------------------------------------------------------------|---------|-----|------------------------------------|
| 015697            | NAVAJO REFINING CO. PL DIV.<br>P.O. DRAWER 159<br>ARTESIA, NM. 88210 | 2805363 | O   | D 28 17S 32E                       |
| 005097            | CONOCO PRODUCTION<br>10 DESTA DR. STE 100W<br>MIDLAND, TX. 79705     | 2805364 | G   | D 28 17S 32E                       |
|                   |                                                                      |         |     |                                    |
|                   |                                                                      |         |     |                                    |
|                   |                                                                      |         |     |                                    |

IV. Produced Water

| POD     | POD ULSTR Location and Description |
|---------|------------------------------------|
| 2805365 | D 28 17S 32E                       |

V. Well Completion Data

| Spud Date | Ready Date           | TD        | PBTD         | Perforations |
|-----------|----------------------|-----------|--------------|--------------|
|           |                      |           |              |              |
| Hole Size | Casing & Tubing Size | Depth Set | Sacks Cement |              |
|           |                      |           |              |              |
|           |                      |           |              |              |
|           |                      |           |              |              |
|           |                      |           |              |              |

VI. Well Test Data

| Date New Oil | Gas Delivery Date | Test Date | Test Length | Tbg. Pressure | Csg. Pressure |
|--------------|-------------------|-----------|-------------|---------------|---------------|
|              |                   |           |             |               |               |
| Choke Size   | Oil               | Water     | Gas         | AOF           | Test Method   |
|              |                   |           |             |               |               |

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Bill R. Keathly*  
Printed name: BILL R. KEATHLY  
Title: SR. REGULATORY SPEC.  
Date: 4-19-94 Phone: (915) 686-5424

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

Title:  
Approval Date: APR 27 1994

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date



**LTR**



**Job separation sheet**



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\*

5. LEASE DESIGNATION AND SERIAL NO.

LC-029410 (A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

MCA

8. FARM OR LEASE NAME

MCA Unit

9. WELL NO.

369

10. FIELD AND POOL, OR WILDCAT

Majamaw A/8A

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

Sec. 29-175-32E

12. COUNTY OR  
PARISH

Jaca

13. STATE

nm

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

CONOCO INC

3. ADDRESS OF OPERATOR

P.O. Box 460, Hobbs, N.M. 88240

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

At surface unit E, 1395' JNL + 1295' JWB

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-025-29853

15. DATE SPUDDED

2-14-87

16. DATE T.D. REACHED

3-1-87

17. DATE COMPL. (Ready to prod.)

3-13-87

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

3936.6 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

4145 4150

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

4145

22. IF MULTIPLE COMPL.,

HOW MANY\*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

A11

CABLE TOOLS

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

3733'-4160' - Majamaw Grayburg/San Andres

25. WAS DIRECTIONAL  
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-BLL - MSFL, GR-SNP-Cal

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 |
|-------------|-----------------|----------------|-----------|-----------------------------------|---------------|
| 13 3/8"     | 54.5 #          | 600'           | 17 1/2"   | 520 SXS CLASS C - CIRC            | 200 SXS       |
| 7 5/8"      | 26 #            | 4150'          | 8 3/4"    | 1350 SXS CLASS C, CLASS C         | 243 SXS       |
|             |                 |                |           | 1 1/2" + C-2 RESISTIVE CMT - CIRC |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 7/8" | 3707           |                 |

31. PERFORATION RECORD (Interval, size and number)

4094' - 4103', 4104', 4126' - 4135' w/2 ssp, 4156' -  
4160', 4146' - 4155', 4136' - 4145' w/2 ssp, 382' - 73',  
3997' - 99', 4012' - 18', 4026' - 40', 4049' - 52', 4061' - 48',  
4071' - 20', 3792' - 3777', 3768' - 3741', 3737' - 3733'

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3733' - 4160'       | 130 lbs 15% HCL                  |
| 4094' - 4135'       | 206 qt Class H w/2% CaCl2        |

33. PRODUCTION

|                       |                 |                                                                      |                         |          |            |                         |                                    |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                         | WELL STATUS (Producing or shut-in) |  |
| 3-15-87               |                 | Pumping                                                              |                         |          |            |                         | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 4-13-87               | 24              |                                                                      | →                       | 37       |            | 90                      |                                    |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24 HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
|                       | 0               | 1987                                                                 |                         |          |            |                         |                                    |  |

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

SOLD

TEST WITNESSED BY

Steve Watkins

35. LIST OF ATTACHMENTS

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

SIGNED

D.F. Finney

TITLE Administrative Supervisor

DATE May 6, 1987

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

Rim CARLSBAD (1) Honda (1) Nitro (1) PLC (1) File

# 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:                                                                                                                                                                                       |     |        |                             | 38. GEOLOGIC MARKERS |             |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|----------------------|-------------|------------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |     |        |                             |                      |             |                  |
| FORMATION                                                                                                                                                                                                          | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| <div style="position: absolute; top: 10px; left: 10px; transform: rotate(-45deg);"> HOBBS OFFICE<br/>JUN 1 1987<br/>RECEIVED </div>                                                                                |     |        |                             | Sawyer River         | 2448        | + 1504           |
|                                                                                                                                                                                                                    |     |        |                             | Queen                | 3044        | + 908            |
|                                                                                                                                                                                                                    |     |        |                             | Whitburg             | 3216        | + 736            |
|                                                                                                                                                                                                                    |     |        |                             | San Andres           | 3826        | + 126            |