

State of New Mexico  
Energy, Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

WELL API NO.

30-025-36000

5. Indicate Type of Lease

STATE ☐FEE ☒

State Oil &amp; Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER ☐

2. Name of Operator

Matador Operating Company

3. Address of Operator

310 W. Wall, Suite 906 Midland, TX 79701

4. Well Location

Unit Letter I : 2100 Feet From The South Line and 740 Feet From The East LineSection 5 Township 20S Range 37E NMPM Lea County

10. Date Spudded

10/01/02

11. Date T.D. Reached

10/16/02

12. Date Compl. (Ready to Prod.)

10/28/02

13. Elevations (DF&amp; RKB, RT, GR, etc.)

3577 KB

14. Elev. Casinghead

3560 GL

15. Total Depth

6755

16. Plug Back T.D.

6698

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

6502 - 6506 Monument; Tubb

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Laterolog, Density/ Neutron

22. Was Well Cored

No

23.

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD                                       | AMOUNT PULLED                            |
|-------------|----------------|-----------|-----------|--------------------------------------------------------|------------------------------------------|
| 8 5/8       | 24             | 1216      | 12 1/4    | 360 sx Class C Light & 200 sx Class C                  | Circ 117 sx to pit                       |
| 4 1/2       | 11.6           | 6753      | 7 7/8     | 700 sx Super H & 900 sx Interfill C & 100 sx Prem Plus | Circ 138 sx to pit<br>Circ 157 sx to pit |

24.

**LINER RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

25. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 3/8 | 6376      | none       |

26. Perforation record (interval, size, and number)

6502 - 6506 6 SPF, .45 EH

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

6502-6506 Frac: 247297 lb 20/40, 396357 gals

28

**PRODUCTION**

Date First Production

10/28/02

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping Sub Pump

Well Status (Prod. or Shut-in)

Producing

Date of Test

11/04/02

Hours Tested

24

Choke Size

NA

Prod'n For Test Period

Oil - Bbl

241

Gas - MCF

341

Water - Bbl

224

Gas - Oil Ratio

1415

Flow Tubing Press.

NA

Casing Pressure

NA

Calculated 24-Hour Rate

Oil - Bbl

Gas - MCF

Water - Bbl

Oil Gravity - API - (Corr.)

36.7

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

C103, C102, Deviation Report, C104

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name

Russ Mathis

Title Production Manager

Date

11/27/02

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

|                    |      |                  |                       |                  |
|--------------------|------|------------------|-----------------------|------------------|
| T. Anyh            | 1126 | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"     |
| T. Salt            |      | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"     |
| B. Salt            |      | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yates           | 2499 | T. Miss          | T. Cliff House        | T. Leadville     |
| T. 7 Rivers        | 2722 | T. Devonian      | T. Menefee            | T. Madison       |
| T. Queen           | 3345 | T. Silurian      | T. Point Lookout      | T. Elbert        |
| T. Grayburg        | 3547 | T. Montoya       | T. Mancos             | T. McCracken     |
| T. San Andres      |      | T. Simpson       | T. Gallup             | T. Ignacio Ozite |
| T. Glorieta        | 5210 | T. McKee         | Base Greenhorn        | T. Granite       |
| T. Paddock         | 5321 | T. Ellenburger   | T. Dakota             |                  |
| T. Blinberry       | 5744 | T. Gr. Wash      | T. Morrison           |                  |
| T. Tubb            | 6338 | T. Delaware Sand | T. Todillo            |                  |
| T. Drinkard        |      | T. Bone Springs  | T. Entrada            |                  |
| T. Abo             |      |                  | T. Wingate            |                  |
| T. Wolfcamp        |      |                  | T. Chinle             |                  |
| T. Penn            |      |                  | T. Permian            |                  |
| T. Cisco (Bough C) |      |                  | T. Penn "A"           |                  |

## IMPORTANT WATER SANDS

include data on rate of water inflow and elevation to which water rose in hole.

|             |    |      |
|-------------|----|------|
| No. 1, from | to | feet |
| No. 2, from | to | feet |
| No. 3, from | to | feet |

## LITHOLOGY RECORD

(Attach additional sheet if necessary)

|      |      |                      |                                       |
|------|------|----------------------|---------------------------------------|
| From | To   | Thickness<br>In Feet | Lithology                             |
| 0    | 1126 | 1126                 | Red Beds                              |
| 1126 | 2499 | 1373                 | Salt, Anhydrite                       |
| 2499 | 3345 | 846                  | Anhydrite, Dolomite                   |
| 3345 | 3544 | 199                  | Dolomite, Sandstone, Shale            |
| 3544 | 5210 | 1666                 | Dolomite, Limestone                   |
| 5210 | 5321 | 111                  | Dolomite, Sandstone, Shale            |
| 5321 | 5674 | 353                  | Dolomite                              |
| 5674 | 5744 | 70                   | Dolomite, Shale                       |
| 5744 | 6338 | 594                  | Dolomite                              |
| 6338 | 6753 | 415                  | Dolomite, Sandstone, Shale, Limestone |