

OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMBNO. 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
**NMLC029426B**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**Crow Federal #1**

9. AFI Well No.  
**30-015-34126**

10. Field and Pool, or Exploratory  
**Yeso**

11. Sec., T., R., M., on Block and  
Survey or Area **Sec. 9-T17S-R31E**

12. County or Parish **Eddy** 13. State  
**NM**

17. Elevations (DF, RKB, RT, GL)\*  
**3905' GL**

1. Type of Completion  
☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator **Marbob Energy Corporation**

3. Address **PO Box 227  
Artesia, NM 88211-0227**

3a. Phone No. (include area code)  
**505-748-3303**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **1040 FNL 660 FEL, Unit A**

At top prod. interval reported below **Same**

At total depth **Same**

14. Date Spudded  
**08/12/2005**

15. Date T.D. Reached  
**09/15/2005**

16. Date Completed **10/09/2006**  
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD **12140'**  
TVD **12140'**

19. Plug Back T.D.: MD **8355'**  
TVD **8355'**

20. Depth Bridge Plug Set: MD **8375'**  
TVD **8375'**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**None**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer<br>Depth | No. of Sk. &<br>Type of Cement | Slurry Vol.<br>(BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|-------------------------|--------------------------------|----------------------|-------------|---------------|
| 17 1/2"   | 13 3/8"    | 54.5#       | 0        | 580'        |                         | 550 sx                         |                      | 0           | None          |
| 12 1/4"   | 8 5/8"     | 32#         | 0        | 4001'       |                         | 1550 sx                        |                      | 0           | None          |
| 7 7/8"    | 5 1/2"     | 17#         | 0        | 12139'      |                         | 2265 sx                        |                      | 0           | None          |
|           |            |             |          |             |                         |                                |                      |             |               |
|           |            |             |          |             |                         |                                |                      |             |               |
|           |            |             |          |             |                         |                                |                      |             |               |

## 24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2 7/8" | 5872'          |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation      | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-------|--------|---------------------|------|-----------|--------------|
| A) <b>Yeso</b> | 5585' | 5783'  | 5585' - 5783'       |      | 20        |              |
| B)             |       |        |                     |      |           |              |
| C)             |       |        |                     |      |           |              |
| D)             |       |        |                     |      |           |              |

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material         |
|----------------|-------------------------------------|
| 5585' - 5783'  | Acid w/ 2000 gal NE Fe 15% HCl acid |
|                |                                     |
|                |                                     |

## 28. Production - Interval A

| Date First<br>Produced | Test<br>Date               | Hours<br>Tested | Test<br>Production | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Oil Gravity<br>Corr. API | Gas<br>Gravity | Production Method |
|------------------------|----------------------------|-----------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| 10/09/2006             | 10/10/2006                 | 24              | →                  | 0          | 0          | 94           |                          |                | Pumping           |
| Choke<br>Size          | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio         | Well Status    | Producing         |
|                        |                            |                 | →                  |            |            |              |                          |                |                   |

## 28a. Production - Interval B

| Date First<br>Produced | Test<br>Date               | Hours<br>Tested | Test<br>Production | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Oil Gravity<br>Corr. API | Gas<br>Gravity | Production Method |
|------------------------|----------------------------|-----------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
|                        |                            |                 | →                  |            |            |              |                          |                |                   |
| Choke<br>Size          | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio         | Well Status    | Producing         |
|                        |                            |                 | →                  |            |            |              |                          |                |                   |

\*(See instructions and spaces for additional data on page 2)

**ACCEPTED FOR RECORD**

**NOV 16 2006**

*Wesley W. Ingram*

**WESLEY W. INGRAM  
PETROLEUM ENGINEER**

## 28b. Production - Interval C

| Date First Produced | Test Date               | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio            | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date               | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio            | Well Status |                   |

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

**Sold**

## 30. Summary of Porous Zones (Include Aquifers):

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.

## 31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top         |
|-----------|-----|--------|------------------------------|------|-------------|
|           |     |        |                              |      | Meas. Depth |
|           |     |        |                              |      |             |

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Diana J. BriggsTitle Production AnalystSignature Diana J. BriggsDate 10/11/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.