

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

|   |  |  |  |
|---|--|--|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other   |  | 5. Lease Serial No.<br><b>NMLC058362</b>   |  |
| b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,<br>Other _____ |  | 6. If Indian, Allottee or Tribe Name   |  |
| 2. Name of Operator <b>Marbob Energy Corporation</b>  |  | 7. Unit or CA Agreement Name and No.<br><b>NMNM111789X</b>   |  |
| 3. Address <b>PO Box 227<br/>Artesia, NM 88211-0227</b>   |  | 8. Lease Name and Well No.<br><b>Dodd Federal Unit #108</b>  |  |
| 3a. Phone No. (include area code)<br><b>505-748-3303</b>  |  | 9. AFI Well No.<br><b>30-015-34565</b>   |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface <b>1425 FSL 330 FEL, Unit I</b><br>At top prod. interval reported below <b>Same</b><br>At total depth <b>Same</b>      |  | 10. Field and Pool, or Exploratory<br><b>Grbg Jackson SR Q Grbg SA</b>   |  |
| 14. Date Spudded<br><b>12/06/2006</b>   |  | 11. Sec., T., R., M., on Block and<br>Survey or Area <b>Sec. 11-T17S-R29E</b>  |  |
| 15. Date T.D. Reached<br><b>12/15/2006</b>  |  | 12. County or Parish<br><b>Eddy</b>  |  |
| 16. Date Completed <b>12/29/2006</b><br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.   |  | 13. State<br><b>NM</b>   |  |
| 17. Elevations (DF, RKB, RT, GL)*<br><b>3641' GL</b>  |  |  |  |
| 18. Total Depth: MD <b>4570'</b><br>TVD <b>4570'</b>  |  | 19. Plug Back T.D.: MD <b>4529'</b><br>TVD <b>4529'</b>  |  |
| 20. Depth Bridge Plug Set: MD<br>TVD  |  |  |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br><b>DLL, Cnsg</b>   |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks. &<br>Type of Cement | Slurry Vol.<br>(BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|-------------------------|---------------------------------|----------------------|-------------|---------------|
| 12 1/4"   | 8 5/8"     | 24#         | 0        | 376'        |                         | 300 sx                          |                      | 0           | None          |
| 7 7/8"    | 5 1/2"     | 17#         | 0        | 4543'       |                         | 1350 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" | 4120'          |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation      | Top          | Bottom       | Perforated Interval  | Size | No. Holes | Perf. Status |
|----------------|--------------|--------------|----------------------|------|-----------|--------------|
| A) <b>Yeso</b> | <b>4158'</b> | <b>4349'</b> | <b>4158' - 4349'</b> |      | <b>20</b> | <b>Open</b>  |
| B)             |              |              |                      |      |           |              |
| C)             |              |              |                      |      |           |              |
| D)             |              |              |                      |      |           |              |

## 26. Perforation Record

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

| Depth Interval       | Amount and Type of Material                  |
|----------------------|--|
| <b>4158' - 4349'</b> | <b>Acidz w/ 2000 gal NE Fe 15% HCl acid.</b> |
|                      |  |
|                      |  |

## 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 |
|------------------------|-------------------------|-----------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| 01/01/2007             | 01/02/2007              | 24              | →                  | 116        | 318        | 278          |                          |                | <b>Pumping</b>    |
| Choke<br>Size          | Tbg. Press.<br>Flwg. SI | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio         | Well Status    |                   |
|                        |                         |                 | →                  |            |            |              |                          |                | <b>Producing</b>  |

## 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. SI | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas/Oil<br>Ratio         | Well Status    |                   |
|                        |                         |                 | →                  |            |            |              |                          |                |                   |

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

ACCEPTED FOR RECORD

FEB 15 2007

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 Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. 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 Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. 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<br>Meas. Depth  |
|-----------|-----|--------|------------------------------|---|---|
|           |     |        |                              | <b>Rustler</b><br><b>Yates</b><br><b>Seven Rivers</b><br><b>Bowers</b><br><b>Queen</b><br><b>San Andres</b><br><b>Glorieta</b><br><b>Yeso</b> | <b>268'</b><br><b>1084'</b><br><b>1338'</b><br><b>1704'</b><br><b>1935'</b><br><b>2631'</b><br><b>4054'</b><br><b>4105'</b> |

## 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:

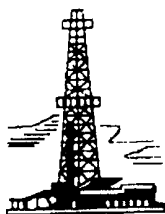
## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **Diana J. Briggs**Title **Production Analyst**

Signature

Date **01/17/2007**

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.



# Permian Drilling Corporation

P. O. Box 726 (505)397-3798 Fax (505)393-2448 Hobbs, New Mexico 88241

## INCLINATION REPORT

DATE: 12/27/2006

JAN 03 2007

WELL NAME AND NUMBER: Dodd #108  
LOCATION: Eddy Co., NM  
OPERATOR: MARBOB ENERGY CORP.  
DRILLING CONTRACTOR: PERMIAN DRILLING CORPORATION

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

| DEGREE | DEPTH | DEGREE | DEPTH | DEGREE | DEPTH |
|--------|-------|--------|-------|--------|-------|
| 0.75   | 377   | 2.00   | 4060  |        |       |
| 1.75   | 746   |        |       |        |       |
| 3.50   | 995   |        |       |        |       |
| 3.00   | 1057  |        |       |        |       |
| 2.00   | 1183  |        |       |        |       |
| 1.25   | 1310  |        |       |        |       |
| 0.75   | 1592  |        |       |        |       |
| 0.50   | 2097  |        |       |        |       |
| 1.25   | 2583  |        |       |        |       |
| 1.50   | 3083  |        |       |        |       |
| 1.50   | 3554  |        |       |        |       |
|        |       |        |       |        |       |
|        |       |        |       |        |       |

Drilling Contractor:  
Permian Drilling Incorporation

By: Sherry Cooksey  
Sherry Cooksey  
Regulatory Clerk

Subscribed and sworn to before me on this 27th day of December, 2006.

My Commission Expires:

September 2010

Craig Black