

RECEIVED

UNITED STATES

OCD-HOBBS

FORM APPROVED  
OMB NO 1004-0137  
Expires July 31, 2010

MAR 31 2009

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 LEASE DESIGNATION AND SERIAL NO

NMNM-086

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☒ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Diff Resvr  
Other

6 INDIAN ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT

2 Name of Operator

Marbob Energy Corporations

8 FARM OR LEASE NAME

Hawg Federal #1

3 Address

P.O. Box 227  
Artesia, NM 88211-0227

3a Phone No (include area code)

575-748-3303

9 API WELL NO

30-025-38351

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

At surface 1650' FNL &amp; 660' FWL, Unit E (SWNW)

10. FIELD NAME

Lea; Bone Spring

11 SEC T. R. M. OR BLOCK AND SURVEY  
OR AREA 25 T 19S R 34E

12 COUNTY OR PARISH 13 STATE

Lea

NM

At top prod Interval reported below

Same

At total depth

Same

14 Date Spudded

10/20/08

15 Date T D Reached

12/10/08

16 Date Completed

2/11/09

☐ D & A☒ Ready to Prod

17 ELEVATIONS (DF, RKB, RT, GR, etc)\*

3761'

GR

3773'

KB

18 Total Depth

MD 13740'

TVD 13740'

19 Plug back T D

MD 12065'

TVD 12065'

20 Depth Bridge Plug Set

MD 12100'

TVD 12100'

21 Type Electric &amp; other Logs Run (Submit a copy of each)

DLL, DSN

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 Depth | No. of Sk. & Type of Cement | Slurry Vol (Bbl) | Cement Top* | Amount Pulled |
|-----------|--------------|-----------|----------|------------|----------------------|-----------------------------|------------------|-------------|---------------|
| 17 1/2"   | 13 3/8" J-55 | 54#       | 0        | 1810'      |                      | 1300 sx                     |                  | 0           | None          |
| 12 1/4"   | 9 5/8" J-55  | 36# & 40# | 0        | 4659'      |                      | 1730 sx                     |                  | 0           | None          |
| 7 7/8"    | 5 1/2" P-110 | 17#       | 0        | 13739'     |                      | 1940 sx                     |                  | 4000' (TS)  | 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 3/8" | 10800'         | 10800'            |      |                |                   |      |                |                   |

25 Producing Intervals

| Formation      | Top    | Bottom | Perforated Interval | Size | No. of Holes | Perf. Status            |
|----------------|--------|--------|---------------------|------|--------------|-------------------------|
| A) Bone Spring | 10843' | 10864' | 13520-13522'        |      | 9            | CIBP @ 13475' + 35' cmt |
| B)             |        |        | 13252-13309'        |      | 36           | CIBP @ 13230' + 35' cmt |
| C)             |        |        | 12626-12631'        |      | 18           | CIBP @ 12575' + 35' cmt |
| D)             |        |        | 12146-12328'        |      | 15           | CIBP @ 12100' + 35' cmt |
|                |        |        | 10843-10864'        |      | 22           | Open                    |

27 Acid, Fracture Treatment, Cement Squeeze, Etc

| Depth Interval | Amount and Type of Material                                                            |
|----------------|----------------------------------------------------------------------------------------|
| 13252-13309'   | Acidz w/1500 gal 7 1/2% NEFE acid                                                      |
| 12626-12631'   | Acidz w/500 gal 7 1/2% NEFE acid                                                       |
| 12146-12328'   | Acidz w/3000 gal 15% acid                                                              |
| 10843-10864'   | Acidz w/1250 gal 7 1/2% NEFE acid; Frac w/125000# CRC-16/30 Proppant & 90966 gal fluid |

28 Production- Interval A

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil Bbl | Gas MCF | Water Bbl | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| 3/4/09              | 3/5/09            | 24           | →               | 42      | 32      | 22        | N/A                  |             | Flowing           |
| Choke Size          | Tbg Press Flwg SI | Csg Press    | 24 Hr Rate      | Oil Bbl | Gas MCF | Water Bbl | Gas Oil Ratio        | Well Status |                   |
| N/A                 | 32#               | N/A          | →               |         |         |           |                      |             | Producing         |

28a Production- Interval B

| Date First Produced | Test Date         | Hours Tested | Test Production | 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      | Oil Bbl | Gas MCF | Water Bbl | Gas Oil Ratio        | Well Status |                   |
|                     |                   |              | →               |         |         |           |                      |             |                   |

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

ACCEPTED FOR RECORD  
Producing  
MAR 28 2009  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 28b Production- Interval C

| Date First Produced | Test Date         | Hours Tested | Test Production | 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      | Oil Bbl | Gas MCF | Water Bbl | Gas Oil Ratio        | Well Status |                   |
|                     |                   |              | →               |         |         |           |                      |             |                   |

## 28c Production- Interval D

| Date First Produced | Test Date         | Hours Tested | Test Production | 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      | 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            |
|-------------|--------|--------|----------------------------|-------------|----------------|
|             |        |        |                            |             | Measured Depth |
| Bone Spring | 8222'  | 10882' |                            | Bone Spring | 8222'          |
| Wolfcamp    | 10883' | 12140' |                            | Wolfcamp    | 10883'         |
| Strawn      | 12141' | 12551' |                            | Strawn      | 12141'         |
| Atoka       | 12552' | 13208' |                            | Atoka       | 12552'         |
| Morrow      | 13209' | 13740' |                            | Morrow      | 13209'         |
|             |        |        |                            |             | TD 13740'      |

## 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 required)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other Deviation Report

## 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) Stormi Davis

Title Production Assistant

Signature



Date 3/18/09

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

OPERATOR: Marbob Energy Corp.  
WELL/LEASE: Hawg Federal # 1  
COUNTY: Lea County, New Mexico  
Sec. 25, T19S, R34E

30-025-38351

25 195 34E

1650 FNL

660 FWL

STATE OF NEW MEXICO

DEVIATION REPORT

| <u>Depth</u> | <u>Deviation</u> | <u>Depth</u> | <u>Deviation</u> |
|--------------|------------------|--------------|------------------|
| 301          | 3/4              | 5,633        | 1 1/2            |
| 599          | 1/4              | 6,135        | 3/4              |
| 894          | 3/4              | 6,633        | 1/2              |
| 1,180        | 3/4              | 7,133        | 1/2              |
| 1,466        | 3/4              | 7,633        | 1/2              |
| 1,768        | 1/2              | 8,115        | 3/4              |
| 2,063        | 1 1/4            | 8,612        | 1/4              |
| 2,354        | 1                | 8,991        | 3/4              |
| 2,635        | 1 1/2            | 9,441        | 1/2              |
| 2,985        | 2                | 9,931        | 3/4              |
| 3,271        | 1 3/4            | 10,428       | 1                |
| 3,365        | 1 1/2            | 10,928       | 1                |
| 3,429        | 1 1/4            | 11,400       | 3/4              |
| 3,557        | 1 3/4            | 11,556       | 3/4              |
| 3,843        | 1 1/2            | 11,994       | 1/2              |
| 4,129        | 1                | 12,474       | 3/4              |
| 4,447        | 1                | 12,977       | 1 1/4            |
| 4,638        | 1                | 13,361       | 0                |
| 5,133        | 1                | 13,706       | 1 1/2            |

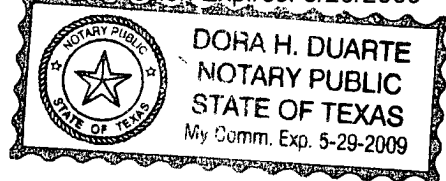
Patriot Drilling, LLC



M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 22nd day of December, 2008 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2009



Dora H. Duarte  
Notary Public for Midland Co., Texas

