

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Open ☐ Plug Back ☐ Diff. Resrv.,
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Other

RECEIVED

2. Name of Operator **BP America Production Company Attn: Cherry Hlava**

3. Address **P.O. Box 3092 Houston, TX 77253** 3a. Phone No. (include area code) **281-366-4491**

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

At surface **2255' FNL & 755' FWL**

At top prod. Interval reported below **2255' FNL & 755' FWL**

At total depth **SAME AS ABOVE**

5. Lease Serial No. **013860A**
NMNM 13860A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **RUSSELL 4M**

9. API Well No. **30-045-31722**

10. Field and Pool, or Exploratory **BASIN DK & BLANCO MV**

11. Sec., T., R., M., on Block & Survey or Area **Sec 25 T28N & R08W**

12. County or Parish **San Juan** 13. State **NM**

17. Elevations (DF, RKB, RT, GL)*

14. Date Spudded **4/7/2005** 15. Date T.D. Reached **5/21/2005** 16. Date Completed ☐ D & A ☒ Ready to Prod. **9/14/2005**

6152'

18. Total Depth: MD **7162'** 19. Plug Back T.D.: MD **7160'** 20. Depth Bridge Plug Set: MD **7160'**
TVD **7162'** TVD **7160'** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12 1/4" | 9 5/8" H-40 | 32 | 0 | 219' | | 100 | | 10' | |
| 8 3/4" | 7" J-55 | 20 | 0 | 2894' | | 330 | | 0 | |
| 6 1/4" | 4.5" J-55 | 11.6 | 0 | 7162' | | 351 | | 2900' | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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" | 7077' | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf Status |
|---------------------|-------|--------|---------------------|--------|-----------|-------------|
| A) Blanco Mesaverde | 4459' | 5280' | 4459' - 5280' | 3.125" | | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 4906' - 5280' | 12 bbls acid; follow w/70q foam. |
| 4459' - 4828' | 12 bbls 15% acid, 70Q foam pad, 84923# Brady sand; 18129# 20/40 Brady sand; 10 propnet |

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 |
|---------------------|---------------------|------------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| est 9/16/05 | 9/13/05 | 12 | → | trace | 793 | trace | | | Flows |
| Choke Size | 1bg. Press Flwg. SI | Csg. Press. Rate | 24 hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| 3/4" | | 120# | → | | | | | | |

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 | 1bg. Press Flwg. SI | Csg. Press. Rate | 24 hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| | | | → | | | | | | |

ACCEPTED FOR RECORD

SEP 22 2005

FARMINGTON FIELD OFFICE
BY *ab*

ENCLOSURE

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 | 16g. 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 | 16g. 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.)

Vented / Sold

30. Summary of Porous Zones (Included 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 |
|-----------|-----|--------|------------------------------|---------------|--------------------|
| | | | | CHACRA | 3594 |
| | | | | CLIFF HOUSE | 4233 |
| | | | | MENEFEE | 4406 |
| | | | | POINT LOOKOUT | 4898 |
| | | | | MANCOS | 5286 |
| | | | | GREENHORN | 6820 |
| | | | | GRANEROS | 6880 |
| | | | | TWO WELLS | 6934 |
| | | | | PAGUATE | 7016 |
| | | | | UPPER CUBERO | 7049 |
| | | | | LOWER CUBERO | 7078 |

32. Additional Remarks (including plugging procedure)

Please see attached subsequent report for Mesaverde.

33. Circle enclosed attachments

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 3. 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)

Cherry Hlava

Title

Regulatory Analyst

Signature

Cherry Hlava

Date

9/15/2005

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.

Russell : 4M

30-045-31722

Completion Subsequent Report MV

09/15/2005

9/2/05 LAY 3" FLOWLINES & 2" PMP LINES.

9/7/05 RIH w/4 ½" CIBP & SET 5450'. TIH w/3.125" GUN & PERF MV 5034' - 5280' @3 JSPF & 4906' - 5006' @2 JSPF.

9/8/05 FRAC MV w/12 bbls OF ACID, FOLLOW w/70Q FOAM. TIH & SET CBP @4860'. TIH & PER 2nd STAGE w/3.125" GUN 4459' - 4828' @3 SJPF.

9/9/05 TIH & FRAC 2nd STAGE w/12 bbls Of 15% ACID, 70Q FOAM PAD 84923# of 20/40 BRADY SND; 18129# of 20/40 BRADY SND w/PROPNET, FLUSHED w/NITRIFIED 70Q FOAM. FLW TO FLARE PIT. UPPER MV FLOWING TO FLARE PIT ON ½" CK.

9/12/05 DRILL OUT 4.5" FLOW THRU CBP @4850'. 130# DRY GAS; FLOW upper & lower MV ON ¾" CK.

9/13/05 TESTING DK & MV TOGETHER ON ¾" CK 120#

9/14/05 TIH & LAND TBG @7076'. RIG DN MOVE OFF LOCATION