

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV DIST. 3

JUN 10 2016

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | |
|---|--|---|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | 5. Lease Serial No. NMNM013860A | |
| b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | 6. If Indian, Allottee or Tribe Name | |
| 2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: TOYA COLVIN Email: Toya.Colvin@bp.com | | 8. Lease Name and Well No. RUSSELL 4M | |
| 3. Address 501 WESTLAKE PARK BLVD. THREE ELDRIDGE PLACE HOUSTON, TX 77079 | | 9. API Well No. 30-045-31722-00-C1 | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW 2255FNL 755FWL 36.633460 N Lat, 107.638787 W Lon At top prod interval reported below SWNW 2255FNL 755FWL 36.633460 N Lat, 107.638787 W Lon At total depth SWNW 2255FNL 755FWL 36.633460 N Lat, 107.638787 W Lon | | 10. Field and Pool, or Exploratory BASIN DAKOTA BLANCO MESAVERDE | |
| 14. Date Spudded 04/07/2005 | | 15. Date T.D. Reached 05/21/2005 | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/06/2016 | | 17. Elevations (DF, KB, RT, GL)* 6152 GL | |
| 18. Total Depth: MD TVD 7162 | | 19. Plug Back T.D.: MD TVD 7162 | |
| 20. Depth Bridge Plug Set: MD TVD | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE CBL RST | |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) | | | |

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 |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250 | 9.625 H-40 | 32.3 | | 219 | | 100 | | 10 | |
| 8.750 | 7.000 J-55 | 20.0 | | 2894 | | 330 | | 0 | |
| 6.250 | 4.500 P-110 | 11.6 | | 7162 | | 351 | | 2900 | |
| 12.250 | 9.625 H-40 | 32.0 | 0 | 219 | | 100 | | 0 | |
| 8.750 | 7.000 J-55 | 20.0 | 0 | 2894 | | 330 | | 0 | |
| 6.250 | 4.500 J-55 | 11.6 | 0 | 7162 | | 351 | | 0 | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 7077 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|------|--------|---------------------|-------|-----------|--------------|
| A) MESAVERDE | 4322 | 5280 | 4322 TO 5280 | 3.130 | 120 | GOOD |
| B) DAKOTA | 6940 | 7120 | 6940 TO 7120 | 3.130 | 30 | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 4322 TO 5280 | APPROX. 48872 GALS W/15% HCL 100000 20/40 PROPPANT |
| 6940 TO 7120 | 122,187# 20/40 C-lite sand; 65% Q foam & N2. last 35,000# of sand treated w/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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| A | 06/24/2005 | 12 | → | | 431.0 | | | | FLows FROM WELL |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| .75 | SI | 40.0 | → | 0 | 862 | 0 | | PGW | |

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 | |
| | SI | | → | | | | | | |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #340784 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

ACCEPTED FOR RECORD

JUN 07 2016

NMOCD

FARMINGTON FIELD OFFICE
BY: William Tambekou

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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 Meas. Depth |
|------------|------|--------|------------------------------|---------------|-----------------|
| SAN JOSE | 0 | 381 | | CLIFFHOUSE | 4233 |
| NACIMIENTO | 381 | 1726 | | MENEFEE | 4406 |
| OJO ALAMO | 1726 | 1853 | | POINT LOOKOUT | 4898 |
| | | | | MANCOS | 5286 |

32. Additional remarks (include plugging procedure):
NMOCD GAS CAPTURE PLAN ATTACHED.

Please note as shown on the attached BLM & NMOCD approved completion report in 2005, the surface casing used 100 sxs of cement and the TOC at 10' was topped off with 7 sxs. Also, the correct grade for the 4 1/2" casing is P-110

REQUESTING 60 DAY EXTENSION TO LAND TUBING.

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
- 7 Other:

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

Electronic Submission #340784 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by WILLIAM TAMBEKOU on 06/07/2016 (16WMT0257SE)

Name (please print) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/01/2016

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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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 ☐ 700 SEP 19 PM 2:46
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator
BP America Production Company Attn: Cherry Hlava
070 FARMINGTON NM

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

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

18. Total Depth: MD 7162'
TVD 7162'
19. Plug Back T.D.: MD 7160'
TVD 7160'
20. Depth Bridge Plug Set: MD
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 Sk. & 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 w/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 | Test Press Flwg. SI | Csg. Press. | 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 | Test 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 reverse side)

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)*

6152'



ACCEPTED FOR RECORD

SEP 22 2005

FARMINGTON FIELD OFFICE
BY JB

WUCCO

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 | 1bg. 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 | 1bg. 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 1/2" 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 1/2" CK.

9/12/05 DRILL OUT 4.5" FLOW THRU CBP @4850'. 130# DRY GAS; FLOW upper & lower MV ON 1/4" CK.

9/13/05 TESTING DK & MV TOGETHER ON 3/4" CK 120#

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