

OIL CONS. DIV DIST. 3

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 10 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM013860A

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

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 7. Unit or CA Agreement Name and No. \_\_\_\_\_

2. Name of Operator **BP AMERICA PRODUCTION COMPANY** Contact: **TOYA COLVIN**  
 BP AMERICA PRODUCTION COMPANY Email: **Toya.Colvin@bp.com**

3. Address **501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE HOUSTON, TX 77079** 8a. Phone No. (include area code) **Ph: 281-366-7148**

8. Lease Name and Well No. **RUSSELL 4M**  
 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**  
 11. Sec., T., R., M., of Block and Survey or Area **BLANCO MESAVERDE Sec 25 T28N R8W Mer NMP**  
 12. County or Parish **SAN JUAN** 13. State **NM**

14. Date Spudded **04/07/2005** 15. Date T.D. Reached **05/21/2005** 16. Date Completed  D & A  Ready to Prod. **06/06/2016**

17. Elevations (DF, KB, RT, GL)\* **6152 GL**

18. Total Depth: **MD 7162 TVD** 19. Plug Back T.D.: **MD 7162 TVD** 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?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  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

26. Perforation Record

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)						

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

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 \*\*

ACCEPTED FOR RECORD

JUN 07 2016

NMOCD

FARMINGTON FIELD OFFICE  
BY: William Tambekou

5

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 \*\***

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  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr., Other

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.

**RUSSELL 4M**

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

9. API Well No.

**30-045-31722**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: **2255' FNL & 755' FWL**

10. Field and Pool, or Exploratory

**BASIN DK & BLANCO MV**

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

11. Sec., T., R., M., on Block & Survey or Area

**Sec 25 T28N & R08W**

At total depth: **SAME AS ABOVE**

12. County or Parish: **San Juan**

13. State: **NM**

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**

17. Elevations (DF, RKB, RT, GL)\*  
**6152'**

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	WL (#/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'							

Formation	Producing Intervals		Perforation Record		
	Top	Bottom	Perforated Interval	Size	No. Holes
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	Tbg. 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	Tbg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						



ACCEPTED FOR RECORD

SEP 22 2005

FARMINGTON FIELD OFFICE  
BY *gb*



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	1 bg. 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	1 bg. 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 2<sup>nd</sup> STAGE w/3.125" GUN 4459' - 4828' @3 SJPF.

9/9/05 TIH & FRAC 2<sup>nd</sup> 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