

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

2. Name of Operator: BP AMERICA PRODUCTION CO. Contact: CHERRY HLAVA E-Mail: hlavac@bp.com

3. Address: P. O. BOX 3092 HOUSTON, TX 77253 3a. Phone No. (include area code) Ph: 281.366.4081

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface: Sec 3 T29N R9W Mer NMP SWSW 1130FSL 580FWL  
At top prod interval reported below: Sec 3 T29N R9W Mer NMP  
At total depth: SWSW 700FSL 700FWL

5. Lease Serial No. NMSF076337

6. Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM73178

8. Lease Name and Well No. LOBATO GAS COM E 1M

9. API Well No. 30-045-31906-00-C2

10. Field and Pool, or Exploratory: BLANCO MV / BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey or Area: Sec 3 T29N R9W Mer NMP

12. County or Parish: SAN JUAN 13. State: NM

14. Date Spudded: 01/28/2004 15. Date T.D. Reached: 02/26/2004 16. Date Completed: 03/29/2004 ☐ D & A ☒ Ready to Prod.

17. Elevations (DF, KB, RT, GL)\*: 5765 GL

18. Total Depth: MD 7011 TVD 19. Plug Back T.D.: MD 7009 TVD 20. Depth Bridge Plug Set: MD TVD

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

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	32.0		133		90		0	
8.750	7.000 J-55	20.0		2775		365		0	
6.250	4.500 J-55	12.0		7011		354		2187	

**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	6972							

**25. Producing Intervals**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	3975	4820	3975 TO 4407	3.130	60	
B)			4450 TO 4820	3.130	60	
C)						
D)						

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

Depth Interval	Amount and Type of Material
3975 TO 4407	500 GALS 15% HCL ACID & PMP 77,985# 16/30 BRADY SND. PMP 70% QUALITY FOAM. PMP 63,567# REG SND &
4450 TO 4820	500 GAL 15% HCL ACID; & 94,117#16/30 BRADY SND, PMP 70% QUALITY FOAM, PMP 72,818# REG SND & 21,299#

**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
03/31/2004	03/10/2004	12	→	1.0	750.0	1.0			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	
3/4	SI	87.0	→	2	1500	2		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 #29186 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOC

ACCEPTED FOR RECORD

APR 05 2004

FARMINGTON 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
					Meas. Depth
NACIMIENTO OJO ALAMO	0	1194		LEWIS SHALE CLIFF HOUSE MENEFE POINT LOOKOUT MANCOS GREENHORN DAKOTA	2821
	1194	1341			3968 4239 4678 5062 6684 6742

**32. Additional remarks (include plugging procedure):**

BP America requested permission to drill subject well 09/19/2003. Approval was granted 01/06/2004.

DHC 1405AZ 2/9/2004

Please see attached completion report.

**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 #29186 Verified by the BLM Well Information System.  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by ADRIENNE GARCIA on 04/05/2004 (04AXG2179SE)**

Name (please print) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 04/01/2004

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 \*\***

**LOBATO GAS COM E 1M**  
**BASIN DAKOTA & BLANCO MESAVERDE**  
**30-045-31906**  
**03/31/2004**

**3/3/04** RU & RUN TDT & CBL LOGS. PRESSURE TEST CSG TO 4500#. HELD OK.

**3/4/04** RU & PERF DAKOTA FORMATION w/3.125" GUN WITH 4 SPF; 6796' – 6993'  
TOTAL OF 60 HOLES. RU & FRAC DOWN 4 ½" CSG w/500 GALS 15% HCL ACID & PMP  
51,014# 20/40 BRADY SAND. RU & SET CIBP @5100'. PERF 1<sup>st</sup> STAGE OF  
MEASEVERDE FORMATION w/3.125" GUN w/3 SPF; 4450' – 4820'.

**3/5/04** RU & FRAC MV DOWN 4.5" CSG w/500 GALS 15% HCL ACID & 94,117# 16/30  
BRADY SND – PMP 70% QUALITY FOAM – PMP 72,818# REG SND & 21,299# PROPNET  
16/30 SAND. RU & SET FLW THRU BP @4435'. RU & PERF 2<sup>nd</sup> STAGE MV DOWN  
4.5" CSG; w/500 GALS 15% HCL ACID & THEN PMPING 77,985# 16/30 BRADY SND.  
PMP'd w/70% QUALITY FOAM – PMP'd 63,567# REG. SND & THEN 14,413# PROPNET  
16/30 SND. DISPLACE w/70% QUALITY FOAM. OPEN WELL & FLW TO PIT ON ¼" CK.

**3/6/04** TESTING WELL.

**3/7/04** FLW BACK AFTER FRAC MV.

**3/8/04** FLOWBACK AFTER FRAC ON ¾" CK. TIH & TAG PLUG @4454'. PU & MILL  
ON PLUG. TOH TO TOP OF PERFS. . WLARE WELL ON ¾" CK, AVG PSI 90#  
AVERAGE RATE 1.5 MCF.

**3/9/04** TESTING WELL.

**3/10/04** RUN 12 HR TEST ON MV, AVG PSI 90#, AVERAG RAT 1.5 MCF, FLARING  
WELL. COLLECT GAS SAMPLE OFF MV. TIH w/MILL TO PLUG @5100'. PUSHED  
PLUG.

**3/11/04** RU & DRILL OUT PLUG @ 5100'. CLEAN OUT TO 6896'.

**3/12/04** CLEAN OUT & TESTING

**3/13/04** FLARE WELL ON ¾" CK. AVG RATE 1341 MCFD. SI FOR 36 hrs WITH 300 PSI  
SICP. NO TBG PRESSURE RECORDED.

**3/15/04** RATE 1341 MCFD. CLEANOUT WITH AIR & MIST. FINISH MILLING  
PLUG & C/O TO 6991'.

**3/16/04** FLARE WELL OVER NIGHT WITH WATCHMAN AT 60 PSI; 1080 MCFD  
RATE. TESTING

**3/17/04** C/O TO 7008' & FLARE WELL.

**3/18/04** SET PKR & CATCH DK GAS SAMPLE. RUN 12 hr. PRESSURE BLD UP FLOWING DK ON ¾" CK @580 MCF.

**3/19/04** TESTING ; FLARING, TOH w/TBG & PKR. TIH w.BHA & TBG. TAG FILL @6991'.

**3/22/04** CLEAN OUT w/AIR & MIST. PULL UP ABOVE PERFS. FLW WELL ON 3" LINE.

**3/23/04** C/O & FLW WELL.

**3/24/04** FLW WELL; C/O WITH AIR & MIST.

**3/25/04** FLW WELL MAKING 1232 MCFD.

**3/26/04** FLW WELL ON ¾" CK. 1261 MCFD. STILL MAKING SAND.

**3/27/04** TIH & LAND TBG @ 6972'. ND BOP & NU WH. FLW UP TBG & CSG.

**DK 12 HR TEST 290 MCF. MV 12 HR TEST 750 MCF**