

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**

5. Lease Serial No.  
NMSF078046

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 CO  
 Contact: CHERRY HLAVA  
 E-Mail: hlavacl@bp.com

8. Lease Name and Well No.  
HUGHES 4M

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

9. API Well No.  
30-045-32062-00-C1

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
 At surface Sec 29 T29N R8W Mer NMP  
 SWNE Lot G 1805FNL 1385FEL 36.41900 N Lat, 107.41700 W Long  
 At top prod interval reported below  
 Sec 29 T29N R8W Mer NMP  
 At total depth SWNE Lot G 1900FNL 1890FEL 36.41900 N Lat, 107.41700 W Long

10. Field and Pool, or Exploratory  
BISTI PICTURED CLIFFS *mw IDU*

11. Sec., T., R., M., or Block and Survey  
or Area Sec 29 T29N R8W Mer NMP

12. County or Parish  
SAN JUAN  
 13. State  
NM

14. Date Spudded  
01/22/2004  
 15. Date T.D. Reached  
04/30/2004  
 16. Date Completed  
 D & A  Ready to Prod.  
 05/27/2004

17. Elevations (DF, KB, RT, GL)\*  
6415 GL

18. Total Depth: MD 7545 TVD  
 19. Plug Back T.D.: MD 7519 TVD  
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL  
 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		127		70		0	
8.750	7.000 J-55	20.0		3317		352		0	
6.250	4.500 J-55	12.0		7545		352 <del>341</del>		2580	

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	7447							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7316	7492	7316 TO 7492	3.130	60	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7316 TO 7492	SAND FRAC W/51,815 LB PROP

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
05/25/2004	05/19/2004	12	▶	1.0	471.0	1.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	50.0	▶	2	942	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.	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 #31029 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOCD

**ACCEPTED FOR RECORD**  
 JUN 16 2004  
 FARMINGTON FIELD OFFICE  
 BY *Joe*

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	580		FRUITLAND COAL	2904
NACIMIENTO	580	1934		PICTURED CLIFFS	3006
OJO ALAMO	1934	2084		LEWIS SHALE	3165
				CLIFF HOUSE	4521
				POINT LOOKOUT	5234
				MANCOS	5678
				GREENHORN	7215
				DAKOTA	7268

32. Additional remarks (include plugging procedure):

Application for permit to drill was submitted on 12/03/2003 and approved 12/16/03.  
 DHC 1400AZ  
 Tubing is landed and well is flowing to sales as of 5/25/2004  
 Per CBL 4.5" CSG top of cement is 2580'

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 #31029 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 06/16/2004 (04AXG2674SE)**

Name (please print) CHERRY HLAVA Title AUTHORIZED REPRESENTATIVE  
 Signature \_\_\_\_\_ (Electronic Submission) Date 06/15/2004

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.

**Hughes 4M**  
**NEW DRILLING DOWNHOLE COMMINGLING SUBSEQUENT REPORT**  
**06/10/2004**

**5/5/04** RUN TDT LOGS w/SCHLUMBERGER; RUN CBL LOG (Top of Cmt = 2580') HOLDING 1000# PSI ON CSG; RU & PRES TST CSG TO 4500#; HOLD OK; TIH w/3.125" GUN & PERF DAKOTA 7316' - 7492' w/4 JSPF TOTAL OF 60 HOLES.

**5/13/04** RU & SAND FRAC DAKOTA w/51,815 lbs PROPPANT.

**5/14/04** CSG ON VACUUM. SECURE LOCATION SHUT IN OVER WEEKEND.

**5/17/04** PRES UP ON WELL TO 1100#. UNLOAD WTR & SND. TIH & C/O WELLBORE TO 7514'. RUN 2 - 4 bbl SWEEPS. START WELL ON FLW BACK.

**5/18/04** FLW DAKOTA TO FLARE PIT FOR 12 hr GOV TEST. @ 471 MCF; CSG 50#

**5/19/04** TIH w/TBG TO PBTD @7542'. HOLE CLEAN. RU SLICKLINE UNIT & RIH w/BHP BOMBS & @ 7400 + - SI FOR BUILDUP TEST.

**5/20/04** PRESS @1300#. CSG FLW DN WELL TO FLARE PIT. TIH 3.125" GUN & PERF LOWER MV 5351' - 5024' w/3 JSPF TOTAL OF 60 HOLES.

**5/21/04** RU & FRAC LOWER MV; PMP 12 bbls 15% ACID; FOLLOWED w/65,776# 16/30 BRADY SND, 18199# PROPNET, w/A 70 QUALITY FOAM, DISP w/78.1 bbls OF 70 QUALITY FOAM. SET COMP BP @5000', & PERF UPPER MV w/3.125" GUN 4990' - 4609' @ 3 JSPF, TOTAL OF 60 HOLES. PRESSURE TST LINES & FRAC w/ 12 bbls 15% ACID, FOLLOWED w/67608# 16/30 BRADY SND, 13343# PROPNET, w/A 70 QUALITY FOAM, DISPLACED w/29.4 bbls OF 70 QUALITY FOAM. START FLW BACK ON  $\frac{1}{4}$ " CK.

**5/24/04** MILL OUT CBP @ 5000'. C/O TO 5690'. FLW TEST MV ON  $\frac{3}{4}$ " CK 1030 MCF & 130# PRES.

**5/25/04** MILL OUT BP @5690'. C/O w/AIR & MIST TO 7500'. TOH w/TBG ABOVE TOP PERFS.

**5/26/04** C/O WELLBORE; FLW WELL TO FLARE PIT REC WTR THAT WAS PMP IN.

**5/27/04** PMP'd 25 bbls DN ANNULUS KILLED WELL. TAG PBTD @7519'. TIH & LAND TBG @ 7447'. ND BOP; NU WH. 17:00 RIG DN MOVE OFF LOCATION