

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF0780511a. 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.
NMMN760702. Name of Operator
BP AMERICA PRODUCTION COContact: CHERRY HLAVA
E-Mail: hlavac1@bp.com8. Lease Name and Well No.
MUDGE COM B 2M3. Address P. O. BOX 3092
HOUSTON, TX 772533a. Phone No. (include area code)
Ph: 281.366.40819. API Well No.
30-045-31898-00-C1

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

At surface Sec 14 T31N R11W Mer NMP
SENW 2370FNL 1680FWL

At top prod interval reported below

Sec 14 T31N R11W Mer NMP
At total depth NESW 2630FSL 1370FWL10. Field and Pool, or Exploratory
BLANCO MV / BASIN DAKOTA11. Sec., T., R., M., or Block and Survey
or Area Sec 14 T31N R11W Mer NMP12. County or Parish
SAN JUAN13. State
NM14. Date Spudded
03/05/200415. Date T.D. Reached
03/14/200416. Date Completed
☐ D & A ☒ Ready to Prod.
05/06/200417. Elevations (DF, KB, RT, GL)*
5989 GL18. Total Depth: MD 7282
TVD19. Plug Back T.D.: MD 7276
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL22. 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		230		135		0	
8.750	7.000 J-55	20.0		2979		373		0	
6.250	4.500 J-55	12.0		7278		366		815	

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	7208							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7068	7246	7068 TO 7246	3.130		
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7068 TO 7246	500 GAL OF 15% HCL ACID; PMP 56,846# 20/40 CARBOLITE

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
05/04/2004	04/24/2004	12	→	1.0	507.0	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	55.0	→	2	1014	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 #31044 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NIMOC

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
OJO ALAMO NACIMIENTO KIRTLAND	0 1089	1089		PICTURED CLIFFS LEWIS SHALE POINT LOOKOUT MANCOS GREENHORN DAKOTA	2665 2876 4844 5233 6958 7011

32. Additional remarks (include plugging procedure):

Application for permit to drill was submitted on 9/17/2003 and approved 11/25/03.
Amended location was submitted on 1/14/04 and approved 1/23/04

DHC 1394Z

Tubing is landed and well is flowing to sales as of 5/6/2004

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 #31044 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 05/25/2004 (04AXG2492SE)**

Name (please print) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/24/2004

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 ****

Mudge Com B 2M
NEW DRILLING DOWNHOLE COMMINGLING SUBSEQUENT REPORT
05/12/2004

3/17/04 RU & RUN TDT LOGS

3/18/04 RU & RUN CBL LOG; HOLDING 1000# PSI ON CSG. PRES TEST CSG TO 4500#; 30 MIN. HELD OK.

3/30/04 TIH w/3.125" GUN & PERF DAKOTA SAND 7068' - 7246' w/4 JSPF TOTAL OF 60 SHOTS.

3/31/04 RU & FRAC DAKOTA DN 4.5" CSG. W/500 gals OF 15% HCL ACID THEN PMP 56,846# OF 20/40 CARBOLITE / SND IN SLICKWTR. FLUSH w/WTR.

4/1/04 OPEN TO FLW TO PIT ON $\frac{1}{4}$ " CK. WON'T FLOW. SI

4/20/04 ND WH & NU BOP.

4/21/04 CLEAN OUT; INSTALL $\frac{3}{4}$ " CK. AVG PRESS 111# MAKING 1819 MCFD FROM DK PERFS.

4/22/04 TESTING 1405 MCFD; LIGHT MIST & SLUGGING. FLOW WELL OVER NIGHT ON $\frac{3}{4}$ " CK. AVG PRESS 62#

4/23/04 DAKOTA MAKING 507 MCF IN 12 HRS. AVG PRESSURE 55#.

4/24/04 TSTING & FLRING. FINISH 12 HR TEST.

4/26/04 SET COMPOSITE PLUG @5260' AND TIH w/3.125" GUN & PERF MESAVERDE FROM 4716' - 5061' w/3 JSPF TOTAL OF 60 SHOTS. RD WL AND FRAC BOTTOM MESAVERDE w/500 gals of 15% HCL; PMP 97,684# of SND. RU WIRE LINE SET FLW THROUGH PLUG @4705'. TIH w 3.125" GUN & PERF UPPER MV 4200' - 4692' w/2 JSPF. TOTAL OF 60 SHOTS. RD WL & FRAC UPPER MV w/500 gals. OF 15% HCL ACID; PMP 114,657# SND. FLW WELL ON $\frac{1}{4}$ " CK. PRESS 1600#. MAKING HEAVY SND.

4/27/04 REPLACE 3" BLW DN LINES; FLW ON $\frac{1}{4}$ " CK. TESTING.

4/28/04 FLW ON $\frac{3}{4}$ " CK 681 MCFD. TESTING; CLEAN OUT

4/29/04 TIH TAGED @4705' RU PWR SWIVEL & AIR PKG; MILL UP PLUG; TIH TAG TOP OF 2nd PLUG @ 5239'. C/O WITH AIR & MIST PULL UP ABOVE MESAVERDE PERF. FLW ON $\frac{3}{4}$ " CK; AVG PRESS 90# MAKING 1521 MCFD.

4/30/04 FLW ON $\frac{3}{4}$ " CK AVG PRESS 75# MAKING 1304 MCFD; 12 hr TST 652 MCF; MAKING SOME WTR & FLRNG. TIH & TAG PLUG @5239'. RU PWR SWIV & AIR PACKAGE BRAKE CIRC. MILL UP PLUG TIH TAG 2nd PLUG @6261'. BRAKE CIRC. MILL UP PLUG; TIH TO 7249' C/O TO PBTD @7276'; PULL UP ABOVE PERF; FLW NATURALLY ON 3" LINE.

5/3/04 TOH w/ 2 3/8" TBG LD MILL; TIH w/BTM HOLE ASSEM. TAG FILL 7263'. C/O w/AIR & MIST.

5/4/04 FLW ON $\frac{3}{4}$ " CK; AVG PRESS 125# MAKING 2022 MCFD. TIH & LAND TBG @ 7208' ND BOP;
NU WELL HEAD. FLW TO SALES 5/6/04