

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

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

2. Name of Operator BP AMERICA PRODUCTION CO Contact: CHERRY HLAVA E-Mail: hlavaci@bp.com
3. Address 200 ENERGY CT FARMINGTON, NM 87402 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 29 T29N R8W Mer NMP SENW Lot F 1675FNL 1705FWL 36.42000 N Lat, 107.42200 W Lon
At top prod interval reported below Sec 29 T29N R8W Mer NMP
At total depth SWNW Lot E 2217FNL 1148FWL 36.42000 N Lat, 107.42200 W Lon
14. Date Spudded 01/21/2004 15. Date T.D. Reached 05/11/2004 16. Date Completed ☐ D & A ☒ Ready to Prod. 06/09/2004
17. Elevations (DF, KB, RT, GL)* 6431 GL
18. Total Depth: MD 7605 TVD 7605 19. Plug Back T.D.: MD 7605 TVD 7605 20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL TDT 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		132		70		0	
8.750	7.000 J-55	20.0		3395		420		0	
6.250	4.500 J-55	12.0		7602		355		3090	

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	7494							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4686	5419	5419 TO 4686	3.380		
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4976 TO 4686	FRAC W/12 BBLs ACID; 70Q FOAM; 63644# 16/30 BRADY SND; 10087# 16/30 BRADY SND W/PROPNET; W/31 BBL 70Q
5419 TO 5010	12 BBLs ACID; 71915# 16/30 BRADY SND. 19972# 16/30 BRADY SND W/PROPNET; 70Q FOAM, FLUSH W/77.6 BBLs

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
06/27/2004	05/26/2004	12	→	1.0	760.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	90.0	→	2	1520	2		PGW	

28a. Production - Interval B

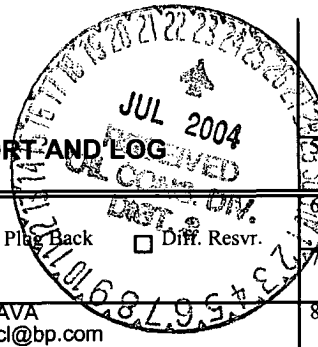
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #32587 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMCCD



Lease Serial No.
NMSF078046

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
HUGHES 6M

9. API Well No.
30-045-32061-00-C2

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

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

17. Elevations (DF, KB, RT, GL)*
6431 GL

20. Depth Bridge Plug Set: MD TVD

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

ACCEPTED FOR RECORD

JUL 14 2004

FARMINGTON FIELD OFFICE

BY *[Signature]*

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	579		FRUITLAND COAL	2951
NACIMIENTO	579	1933		PICTURED CLIFFS	3044
OJO ALAMO	1933	2083		LEWIS SHALE	3199
				CLIFF HOUSE	4584
				MENEFEE	4819
				POINT LOOKOUT	5307
				MANCOS	5745
				GREENHORN	7274
				DAKOTA	7338

32. Additional remarks (include plugging procedure):

APD was submitted on 9/19/04 and approved 01/06/04.

Well is completed and flowing to sales. Please see attached subsequent report.

Final Directional survey attached to Dakota 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 #32587 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 07/14/2004 (04AXB2801SE)

Name (please print) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 07/01/2004

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 ****

Hughes 6M
NEW DRILLING DOWNHOLE COMMINGLING SUBSEQUENT REPORT
06/29/2004

5/17/04 RU & RUN CBL & TDT. TIH w/3.375" GUN & PERF DAKOTA FORMATION 7391' - 7573' @ 4 JSPF, TOTAL OF 60 SHOTS.

5/18/04 RU & FRAC DN 4.5" CSG w/20/40 CARBOLITE SND - START w/500 gals of 15% HCL ACID & PMP SLICKWTR FRAC - PMP'd 62,042 CARBOLITE SND.

5/24/04 NU BOP. TIH w/3 7/8" MILL ON 2 3/8" TBG TO 5260' UNLOAD HOLE TRYING TO KICK WELL OFF TO FLW; DID NOT FLW.

5/25/04 360# SI PRESSURE. TIH & TAG SND @7463'; C/O WELLBORE BRK CIRC w/AIR MIST c/o TO 7589'. RUN SWEEPS. POH w/TBG ABOVE DK PERFS. FLW TO FLARE.

5/26/04 TIH TAG FILL @7589'. UNLOAD w/AIR & MIST. 200 BPD OF H2O; VERY LITTLE GAS. PREP TO FLW TO PIT. 12 hr TEST 166 MCF.

5/27/04 50# CSG. TIH w/TBG TO 7578'. BREAK CIRC w/AIR MIST TO 7579'. UNLOAD WTR & SND. TIH w/BHP BOMBS TO 7485' & HANG OFF SECURE LOCATION SHUT WELL IN FOR 12 hrs. PRES BUILD UP.

5/28/04 PRESSURE ON WELL 700#. BLW DN TO PIT SLOWLY. TIH TO PBTD NO FILL.

6/1/04 840# PRESSURE ON WELL; BLW DN. TIH & SET CBP @5705' & PERF 1" MV 5419' - 5010' w/3.375" GUN @ 3 JSPF TOTAL OF 60 SHOTS. SHUT DN OVER NITE.

6/2/04 TIH & FRAC 1st MV w/12 bbls ACID, 71,915# 16/30 BRADY SND. 19,972# 16/30 BRADY SND w/PROPNET, 70q FOAM, FLUSHED w/77.6 bbls 70q FOAM. TIH & SET CBP @5000'. TIH w/3 3/8" GUN & PERF 2nd MV 4976' - 4686' @ 3 JSPF TOTAL OF 60 SHOTS. RU & FRAC w/12 bbls ACID, 70Q FOAM, 63,644# 16/30 BRADY SND, 10,087# 16/30 BRADY SND w/PROPNET, FLUSHED w/31 bbls 70Q FOAM. FLW BACK ON 1/4" CK @720#.

6/3/04 FLW ON 1/2" CK TO FLR PIT @180#. MV 12 HR TEST 760 MCF @90#.

6/4/04 TIH & TAG FILL @4999'. CIRC w/AIR MIST c/o TO 5000', DRILL OUT FLW THRU BRIDGE PLUG UNLOAD WLL. TIH & TAG FILL 5657'; BRK CIRC w/AIR MIST. TOH TO ABOVE PERFS @ 4500'. PREP TO RUN 12 HR MV TEST.

6/7/04 TIH & TAG FILL @ 5657' C/O w/AIR MIST TO 5705'. MILL OUT CBP @5705'. FLOW WELL ON 3/4" CK.

6/8/04 CK PRESS ON WELL 70#; BLEW DN THRU 3" LINE TO FLARE PIT. TAG FILL @7566'. C/O WELLBORE TO 7590'.

6/9/04 TIH & LAND TBG @7493'.