

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

2. Name of Operator

BP America Production Company Attn: Cherry Hlava

3. Address

P.O. Box 3092 Houston, TX 77253

3a. Phone No. (include area code)

281-366-4491

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

At surface 2285' FSL & 1595' FWL

At top prod. Interval reported below SAME AS ABOVE

At total depth SAME AS ABOVE

5. Lease Serial No.

NMSF - 078051

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Neal 20M

9. API Well No.

30-045-31987

10. Field and Pool, or Exploratory

BLANCO MESAVERDE

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

Sec 33 T32N R11W

12. County or Parish

San Juan

13. State

NM

14. Date Spudded

9/1/2004

15. Date T.D. Reached

9/7/2004

16. Date Completed

6/20/2005

Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

6160 GL

18. Total Depth: MD 7532'
TVD 7532'

19. Plug Back T.D.: MD 7529
TVD 7529

20. Depth Bridge Plug Set: MD
TVD

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

CBL & RST (sent previously for DK completion)

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	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13 1/2"	9 5/8" H-40	32	0	156		150		0	
8 3/4"	7" J-55	20	0	3115		388		0	
6 1/4"	4 1/2" J-55	11.6	2532'	7532		365		2720	

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"	7458'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BLANCO MESAVERDE	4414' - 5336'	4414'	5336'	3.125"		
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4982' - 5336'	129,069# 16/30 Brady Sand 70% quality foam & N2.
4414' - 4883'	142,749# 16/30 Brady Sand 70% quality foam & N2

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
6/27/2005	5/27/05	12	→	trace	1129	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"		300	→					Producing	ACCEPTED FOR RECORD

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
			→						JUL 12 2005
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						FARMINGTON FIELD OFFICE BY <i>JB</i>

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

NMOC

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	16g. 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	16g. 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

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
				Cliff House	4361
				Menefee	4721
				Pt Lookout	5107
				Mancos	5450
				Greenhorn	7183
				Graneros	7243
				Dakota	7306

32. Additional Remarks (including plugging procedure)

Please see attached Mesaverde subsequent report. DHC 1514AZ

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

6/1/2005

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.

COCHN

Neal 20M

30-045-31987

MV Completion Subsequent Report

05/31/2005

05/10/05 RIG UP; TBG 45 PSI; CSG 800 PSI; BH 75 PSI. BLW WELL DN TO FLARE PIT. NDWH & NU BOP.

05/11/05 TIH & SET COMPOSITE BRIDGE PLUG @5990'. LOAD CSG & TST TO 2500 PSI; HELD 15 min; GOOD TEST.

05/12/05 TIH w/ 3.125" GUN & PERF MV 4982' - 5043' @4 JSPF; 5114' - 5143' @2JSPF & 5185' - 5336' @4 JSPF.

05/14/05 RIG UP & FRAC w/129,069# of 16/30 Brady Snd, 70% Quality Foam & N2. FLW WELL; MAKING FRAC FLUID.

05/16/05 CLEAN OUT TO PLUG @5995'.

05/18/05 TIH & SET BRIDGE PLUG @ 4960'. TIH w/3.125" GUN & PERF 4414' - 4529' @4JSPF; 4607' - 4700' @2JSPF; 4714' - 4883' @4JSPF.

05/20/05 RU & FRAC MV w/142,749# of 16/30 Brady Snd, 70% Quality Foam & N2. FLW WELL; MAKING FRAC FLUID. FLW ON $\frac{1}{4}$ " CK.

05/23/05 TIH & MILL FILL @4735' & CLEAN OUT TO PLUG @4960'.

05/26/05 TIH & LATCH ONTO & RELEASE BRIDGE PLUG. TOH & LAY DN BP.

05/27/05 TIH & CLEAN OUT TO COMPOSITE BRIDGE PLUG @ 5995'. RUN 12 hr TEST @1129 MCF.

05/31/05 TIH & MILL PLUG @5990'. TIH & TAG FILL @7420'. CLEAN OUT TO 7425'

06/03/05 PLUG TURNING ON BOTTOM & NOT MILLED UP. PUSHED TO 7432'.

06/06/05 MILL ON FISH. TOH

06/07/05 CLEAN OUT TO TOP OF FISH.

06/08/05 TIH & TAG SPOT IN CSG @4683'. MILL BAD SPOTS TO CLEAN UP.

06/09/05 TIH & TAG COMPOSITE PLUG @7500'.

06/10/05 MILL ON BP & CLEAN OUT TO PBTD@7530'.

06/14/05 CLEANING OUT WELL.

06/18/05 TIH & LAND 2 3/8" TBG @ 7458'. RIG DN; ND BOP; NU ADAPTER.

06/20/05 RIG DN MOVE OFF LOCATION.