

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

2003 SEP - 2 PM 12:59 SF - 078132

070 Farmington, NM

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Rcvr.

Other _____

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

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 1070' FNL & 2105' FEL

At top prod. interval reported below

At total depth 660' FNL & 2410' FEL

5. Lease Serial No.
AL EIC. H C 4M

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
AL EIC. H C 4M

9. API Well No.
30.045.31675

10. Field and Pool, or Exploratory
BLANCO MESA VERDE

11. Sec., T., R., M., on Block and Survey or Area
Sec 15 T29N R9W

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
7.18.2003

15. Date T.D. Reached
7.25.2003

16. Date Completed
☒ D & A ☒ Ready to Prod
8-21-03

17. Elevations (DF, RKB, RT, GL)*
5943' GL

18. Total Depth: MD 7190
TVD 7054

19. Plug Back T.D.: MD 7187
TVD

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 report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

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
H-40 13 1/2	9 5/8	32.3	0	141		130 SLS G		0	
J-55 8 3/4	7	20	0	2991		342 SLS G		0	
" 6 1/2	4 1/2	11.6	0	7189		354 SLS		2891	

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	7144							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESA VERDE	4191	4982	4191 - 4982	340	117	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4191 - 4982	177,500 # 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
8/18/03	8/20/03	12	→	TRACE	880	TRACE			Flowing

Choke Size 3/4

Tbg. Press. SI

Csg. Press. 100A

24 Hr. Rate →

Oil BBL TRACE

Gas MCF 8760

Water BBL TRACE

Gas : Oil Ratio

Well Status Producing

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. SI

Csg. Press.

24 Hr. Rate →

Oil BBL

Gas MCF

Water BBL

Gas : Oil Ratio

Well Status

ACCEPTED FOR RECORD

SEP 05 2003

FARMINGTON FIELD OFFICE

(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	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.)

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
				FRUITLAND COAL	NOT LOGGED
				PICTURED CLIFFS	" "
				LEWIS SHALE	" "
				CLIFFHOUSE	4189'
				Menefee	4512'
				Point Lookout	4904'
				MARCOS	5251'
				GREEN HORN	6888'
				DAKOTA	6936'

32. Additional remarks (include plugging procedure):

Production commingled downhole w/ Dakota.

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)*

Name (please print)

MARY CORLEY

Title

JR. Regulatory Analyst

Signature

Mary Corley

Date

08.27.2003

Title 18 U.S.C. Section 1001 and Title 18 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.

A L ELLIOTT C 4M
COMPLETION SUBSEQUENT REPORT
08/27/2003

07/31/2003 RU & run TDT log.

08/04/2003 RU & run CBL log under 1000# pressure. Pressure test CSG to 4500# test ok.

08/05/2003 Perf the Dakota with 4 SPF, 120° phasing as follows: .330 inch diameter, 15 Shots / 60 Holes

7170, 7159, 7153, 7141, 7129, 7122, 7104, 7092, 7085, 7080, 7042, 7014, 7002, 6997, 6991

08/06/2003 RU & Frac w/76,600# of 20/40 Resin Sand & Slickwater. ND BOP & Frac Valve. NU Flow back cross & BOP. RU & Flow back to pit thru ¼" choke for 3 hrs. SI well for 9 hrs for pressure buildup.

08/07/2003 Opened well & flowed back thru ½" choke for 6 hrs. Upsized to ¾" choke & flowed back overnight..

08/08/2003 Flow back thru ¾" choke. TIH & tag fill @ 7150'. C/O to PBTD @ 7187'. PU above perfs & flow back thru ¾" choke overnight.

08/11/2003 RU & TIH & tag fill @ 7181'. C/O to PBTD. RU & flow back thru ¾" choke overnight.

08/12/2003 Flow test well for 12 hrs. thru ¾" choke. 315 MCF gas, FCP 30#, Trace BBLs WTR, Trace Oil.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

08/12/200 RU & TIH w/CIBP & set @ 5206'. RU & load hole w/2% KcL WTR. Pressure test CSG to 1500 psi. RU & perf Point Lookout & Menefee, 120° phasing as follows, .340 inch diameter, 3 JSPF 19 Shots / 57 Holes

4982, 4972, 4957, 4952, 4943, 4932, 4926, 4915, 4905, 4894, 4888, 4833, 4827,
4792, 4785, 4745, 4685, 4677, 4633

08/14/2003 RU & Frac w/97,500# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 4615'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .340 inch diameter, 3 JSPF 20 Shots / 60 Holes

4590, 4566, 4537, 4476, 4470, 4456, 4448, 4420, 4398, 4382, 4370, 4356,
4338, 4320, 4312, 4299, 4289, 4272, 4228, 4191

RU & Frac w/80,000# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. SDFN.

08/15/2003 Open well on ¼" choke & flow back for 8 hrs. Upsized choke to ½" & flow back for 6 hrs. Upsized choke to ¾" & continued flow back.

08/16/2003 Flowed well thru ¾" choke.

08/18/2003 TIH & tag fill @ 4416'. C/O to CIBP set @ 4615'. DO CIBP. TIH & tag fill @ 4992'. C/O to CIBP set @ 5202'. PU above perms & flow back thru ¾" choke w/watchman overnight..

08/19/2003 Flow back well thru ¾" choke.

08/20/2003 Flow test well thru ¾" choke for 12 hrs. 880 MCF gas, FCP 100#, Trace WTR, Trace oil. TIH & tag 2' of fill. C/O to CIBP @ 5202'. DO CIBP. TIH & tag 0 fill. RU & flow back thru ¾" choke.

08/21/2003 RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7144'. ND BOP. NUWH. Pull TBG plug. RDMOSU. Rig Release @ 09:30 hrs.