

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

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other Multiple Completion - DMC

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 2110' FSL & 660' FEL
At top prod. interval reported below
At total depth

5. Lease Serial No. SF 078415

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. Roebofs 3M

9. API Well No. 30.045.31639

10. Field and Pool, or Exploratory BLANCO MESAVERDE

11. Sec., T., R., M., on Block and Survey or Area Sec 9 T29N 8W

12. County or Parish SAN JUAN 13. State NM

14. Date Spudded 06.30.2003 15. Date T.D. Reached 07.09.2003 16. Date Completed 09.16.2003
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* 6456' GL

18. Total Depth: MD 7674' TVD 7674' 19. Plug Back T.D.: MD 7666' TVD 7666' 20. Depth Bridge Plug Set: MD 7666' TVD 7666'

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

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
13 1/2	9 3/8 H-40	32.3	0	140		122		0	
8 3/4	7 J-55	20	0	3334		38.3		0	
6 1/4	4 1/2 J-55	11.6	0	7673		358		3234	

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	7575							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <u>MESAVERDE</u>	<u>3255</u>	<u>5500</u>	<u>4665 - 5483</u>	<u>.370</u>	<u>114</u>	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
<u>4665 - 5016</u>	<u>82,781# 16/30 BRADY SAND, 70% Quality FOAM & N2</u>
<u>5050 - 5483</u>	<u>96,374# 16/30 BRADY SAND, 70% Quality FOAM & N2</u>

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
<u>9/16/03</u>	<u>9/16/03</u>	<u>12</u>	<u>→</u>	<u>TRACE</u>	<u>864</u>	<u>TRACE</u>			<u>Flowing</u>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
<u>3/4</u>		<u>100</u>	<u>→</u>	<u>TRACE</u>	<u>1728</u>	<u>TRACE</u>		<u>Produced</u>	

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
			<u>→</u>						<u>OCT 01 2003</u>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			<u>→</u>						<u>FARMINGTON FIELD OFFICE</u>

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

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 Mcas. Depth
				Fruitland COAL	2996
				PICTURED CLIFFS	3151
				LEWIS SHALE	3255
				CLIFF HOUSE	4661
				MENEFEE	4940
				POINT LOOKOUT	5360
				MANCOS	5709
				GREEN HORN	7350
				DAKOTA	7452

32. Additional remarks (include plugging procedure):

Production is now being commenced with the 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

Regulatory Analyst

Signature

Mary Corley

Date

09.22.2003

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.

**ROELOFS 3M
COMPLETION SUBSEQUENT REPORT
09/22/2003**

09/03/2003 MIRUSU. Blow down well. NDWH. NU BOP. TOH w/TBG. TIH w/CIBP & set @ 5600'. RU & load hole w/2% KcL WTR. Pressure test CSG to 1500 psi. RU & perf Point Lookout & Menefee, 120° phasing as follows, .3740 inch diameter, 3 JSPF 20 Shots / 60 Holes

5483, 5468, 5441, 5427, 5420, 5399, 5380, 5371, 5362, 5350,
5338, 5310, 5302, 5292, 5204, 5157, 5132, 5072, 5059, 5050

09/04/2003 RU & Frac w/96,374# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 5040'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .370 inch diameter, 3 JSPF 18 Shots / 54 Holes

5016, 4972, 4940, 4929, 4906, 4899, 4887, 4881, 4861,
4833, 4818, 4811, 4804, 4788, 4778, 4773, 4764, 4665

RU & Frac w/82,781# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on ¼" & flow back overnight.

09/05/2003 Flow back well thru ¼" choke. @ 01:00 hrs upsized choke to ½" & flowed back for 8 hrs. Upsized to ¾" choke & flowed back 8 hrs. SWI & Secure for weekend.

09/08/2003 TIH & tag fill @ 4968'. C/O to CIBP set @ 5040' & DO. PU above perfs & flow back well thru ¾" choke overnight.

09/09/2003 Flow back well thru ¾" choke. TIH & tag fill @ 5547'. C/O to CIBP set @ 5600'. PU above perfs & flow well thru ¾" choke overnight.

09/10/2003 Flow back thru ¾" choke. TIH & tag fill @ 5580'. C/O to CIBP, PU & flow back thru ¾" choke overnight.

09/11/2003 RU & flow test well thru ¾" choke for 12 hrs. 864 MCF gas, FCP 100#, Trace WTR, Trace oil. TIH & tag fill @ 5588'. C/O to CIBP & DO. TIH & tag fill @ 7650'. C/O to PBTD @ 7666'. PU above perfs & flow back thru ¾" choke w/watchman.

09/12/2003 Flow back both zones thru ¾" choke.

09/14/2003 Flow back well.

09/15/2003 TIH & tag 15' of fill. C/O to PBTD. SWI.

09/16/2003 RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7575'. ND BOP. NUWH. Pull TBG plug. RDMOSU. Rig Release @ 18:30 hrs.