

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐ Deepen ☐ Plug Back ☐ Drift/Reopen

b. Type of Completion: ☒ New Well ☐ Work Over ☐ 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 *2115' FSL ? 1185' FWL Unit L*
At top prod. interval reported below
At total depth

5. Lease Serial No.
1581-078385

6. If Indian, Allottee or Tribe Name

7. Under CA Agreement Name and No.

8. Lease Name and Well No.
Thompson LS 2M

9. API Well No.
30.045-31384

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

11. Sec., T., R., M., on Block and Survey or Area
Sec 34 T30N R8E

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
05/22/2003

15. Date T.D. Reached
05/28/2003

16. Date Completed
☐ D & A ☒ Ready to Prod.
6/27/2003

17. Elevations (DF, RKB, RT, GL)*
6301' GL

18. Total Depth: MD *7537'* TVD *7537'*

19. Plug Back T.D.: MD *7535'* TVD *7535'*

20. Depth Bridge Plug Set: MD *7535'* TVD *7535'*

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

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
<i>13 1/2</i>	<i>9 5/8</i>	<i>32.8</i>	<i>0</i>	<i>223</i>		<i>160</i>		<i>0</i>	
<i>8 3/4</i>	<i>7</i>	<i>20</i>	<i>0</i>	<i>3441</i>		<i>422</i>		<i>0</i>	
<i>6 1/2</i>	<i>4 1/2</i>	<i>11.6</i>	<i>0</i>	<i>7537</i>		<i>344 346</i>		<i>2444</i>	<i>3341</i>

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
<i>2 3/8</i>	<i>7520'</i>							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
<i>A) MESAVERDE</i>	<i>4627</i>	<i>5493</i>	<i>4627 - 4994</i>	<i>.330</i>	<i>58</i>	
<i>B) MESAVERDE</i>	<i>4627</i>	<i>5493</i>	<i>5052 - 5493</i>	<i>.330</i>	<i>58</i>	
<i>C)</i>						
<i>D)</i>						

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

Depth Interval	Amount and Type of Material
<i>4627 - 4994</i>	<i>33.721# 16/30 BRADY SAND, 70% Quality SAND ? N2</i>
<i>5052 - 5493</i>	<i>94.25# 16/30 BRADY SAND, 70% Quality SAND ? N2</i>

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
<i>6/24/03</i>	<i>6/24/03</i>	<i>12</i>	<i>→</i>	<i>TRACE</i>	<i>565</i>	<i>TRACE</i>			<i>Flowing</i>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
<i>3/4</i>	<i>0</i>	<i>78</i>	<i>→</i>	<i>TRACE</i>	<i>1130</i>	<i>TRACE</i>		<i>PRODUCING</i>	

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
			<i>→</i>						<i>JUL 15 2003</i>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			<i>→</i>						<i>FARMINGTON FIELD OFFICE</i>

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

NMOCD

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
				Cliff House	4565
				Menefee	4905
				Point Lookout	5264
				Mancoes	5542
				Greenhorn	7240
				Glaneros	7296
				Two Wells	7348
				PAGUATE	7439
				Upper Cubero	7460
				Lower Cubero	7472
				Emmental Canyon	7498

32. Additional remarks (include plugging procedure):

Production downhole commingled with 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

Sr. Regulatory Analyst

Signature

Mary Corley

Date

07/10/2003

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.

THOMPSON LS 2M
COMPLETION SUBSEQUENT REPORT
07/10/2003

05/30/2003 RU & NU Frac head & Frac valve – test CSG to 4500#. HELD OK. RU & run CBL& TDT log.

06/13/2003 RU & Perf the Dakota with 2 SPF, 120° phasing, .330 inch diameter as follows:
25 Shots / 50 Holes

7513, 7510, 7506, 7500, 7496, 7490, 7486, 7476, 7472, 7464, 7460, 7454, 7450,
7445, 7440, 7429, 7421, 7414, 7402, 7394, 7386, 7379, 7370, 7362, 7350

06/16/2003 RU & Frac w/68,722# of 20/40 Resin Sand & Slickwater. SI Well.

06/17/2003 NU BOP on Frac Valve. RU & flow back thru 1/4" choke overnight..

06/18/2003 TIH & tag fill @ 7537'. Circ well clean to PBTD @ 7535. Flow back wellthru 3/4" choke for 2 hrs. TIH & tag 10' of fill. C/O & PU & flow back thru 3/4" choke overnight.

06/19/2003 TIH & tag 20' of fill. C/O C/O & PU & flow back thru 3/4" ckoke overnight.

06/20/2003 RU & flow test well for 12 hrs. thru 3/4" choke. 869 MCFD gas, CP 60#, Trace WTR, Trace oil.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

06/20/2003 RU & TIH w/CIBP & set @ 5700'. RU & load hole w/2% KcL WTR. RU & perf Point Lookout & Menefee, 120° phasing, .330 inch diameter as follows: 2 JSPF 29 Shots / 58 Holes

5493', 5489', 5469', 5465', 5458', 5446', 5408', 5404', 5389', 5385', 5371', 5365', 5357',
5341', 5334', 5331', 5320', 5310', 5296', 5287', 5273', 5252', 5236', 5220', 5206', 5113',
5108', 5079', 5052'

06/23/2003 RU & Frac w/92,254# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5025'. RU & perf Menefee & Cliffhouse, 120° phasing, .330 inch diameter as follows: 2 JSPF 29 Shots / 58 Holes

4994, 4989, 4984, 4975, 4968, 4963, 4939, 4936, 4919, 4904, 4891, 4869, 4854, 4850,
4841, 4833, 4812, 4796, 4774, 4769, 4728, 4715, 4711, 4699, 4693, 4685, 4675, 4646, 4627

RU & Frac w/83,721# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on 1/4" choke for 4 hrs. Well SI.

06/24/2003 TIH & tage fill @ 4375'. C/O to top of CIBP @ 5025'. PU above perms & flow well to pit thru 3/4" choke overnight.

06/25/2003 TIH & tag fill 4960'. C/O to CIBP & DO. TIH & tag fill @ 5653'. C/O to CIBP @ 5700'. PU above perfs & flow back thru 3/4" choke overnight..

06/26/2003 TIH & tag fill @ 5670'. C/O to CIBP. RU & flow test well for 12 hrs. thru 3/4" choke. 1130 MCFD gas, CP 78#, Trace WTR, Trace oil.

06/27/2003 Flow well thru 3/4" choke. TIH & tag fill @ 5685'. C/O to CIBP & DO. TIH & tag fill @ 7530'. C/O to PBTD @ 7535'. PU above perfs & flow back thru 3/4" choke overnight.

06/30/2003 TIH & tag fill @ 7530'. C/O to PBTD @ 7535'. PU above perfs & flow back thru 3/4" choke overnight.

07/01/2003 RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7520'. ND BOP. NUWH. Pull TBG plug. RDMOSU. Rig Release @ 13:00 hrs.