

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

5. Lease Serial No.
NMSF078502

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator BP AMERICA PRODUCTION CO			8. Lease Name and Well No. VANDEWART 1M		
3. Address P. O. BOX 3092 HOUSTON, TX 77253			9. API Well No. 30-045-31168-00-C2		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 11 T29N R8W Mer NMP At surface SWNE Lot G 2090FNL 1775FEL 36.44400 N Lat, 107.38500 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MESAVERDE		
14. Date Spudded 11/08/2002			15. Date T.D. Reached 11/16/2002		
16. Date Completed ☐ D & A ☒ Ready to Prod. 12/16/2002			17. Elevations (DF, KB, RT, GL)* 6326 GL		
18. Total Depth: MD 7510 TVD		19. Plug Back T.D.: MD 7508 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 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
13.500	9.625 H-40	32.0	0	227		186		0	
8.750	7.000 J-55	20.0	0	3233		403		0	
6.250	4.500 J-55	12.0	0	7510		377		3133	

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	7419							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4564	5360	4564 TO 4954	0.400	50	
B)			4999 TO 5360	0.400	50	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4564 TO 4954	98,126# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N2
4999 TO 5360	92,973# OF 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
12/12/2002	12/12/2002	12	→	1.0	1047.0	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	130.0	→					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		→						

ACCEPTED FOR RECORD

APR 18 2003

FARMINGTON FIELD OFFICE
BY

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

ELECTRONIC SUBMISSION #20569 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

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.)
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	715		LEWIS SHALE	3292
NACIMIENTO	715	2011		CLIFF HOUSE	4548
OJO ALAMO	2011	2193		MENEFEE	4848
				POINT LOOKOUT	5189
				MANCOS	5607
				GREENHORN	7218
				DAKOTA	7279

32. Additional remarks (include plugging procedure):

Mesaverde completion. Well Downhole commingled with MDakota. Please see attached Subsequent Report for well completion activity.

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 #20569 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 04/18/2003 (03MXH0707SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 04/14/2003

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

**VANDEWART 1M
COMPLETION SUBSEQUENT REPORT
12/17/2002**

11/19/2002 RU & run CBL &TDT log.

11/25/2002 RU & Perf the Dakota with 2 SPF, 120° phasing as follows: .330 inch diameter, 25 Shots / 50 Holes

7454', 7452', 7448', 7423', 7420', 7409', 7407', 7403', 7398', 7384', 7381', 7372', 7368',
7364', 7362', 7358', 7352', 7350', 7345', 7340', 7338', 7335', 7333', 7329', 7327'

RU & Frac w/62,996# of 20/40 Resin Sand & Slickwater. ND BOP & Frac Valve. Shut wll in

12/05/2002 NU Flow back cross & BOP. Flow back well thru ¾" choke & flow back overnight.

12/06/2002 @ 08.00 hrs. ND Frac Valve & NU BOP. TIH & tag fill @ 7468'. C/O to 7478' & circ hole clean. PU above perfs & secure well. SDFN.

12/07/2002 TIH & tag fill @ 7468'. C/O to 7478'. TIH & DO hard CMT to Hard BTM @ 7508'. Circ hole clean. RU & flow back well thru ¾" overnight.

12/08/2002 PU above perfs & flow test well for 12 hrs. thru ¾" choke. 830 MCF gas, FCP 100#. 1 BBLS WTR, trace oil.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

12/09/2002 RU & TIH w/CIBP & set @ 7218'. RU & load hole w/2% KcL WTR. RU & perf Point Lookout & Menefee, 120° phasing as follows, .400 inch diameter, 2 JSPF 25 Shots / 50 Holes

5360', 5350', 5340', 5334', 5325', 5320', 5312', 5293', 5286', 5274', 5269', 5258', 5246',
5242', 5204', 5198', 5133', 5060', 5053', 5048', 5034', 5025', 5012', 5006', 4999'

12/10/2002 RU & Frac w/92,973# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 4982'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .400 inch diameter, 2 JSPF 25 Shots / 50 Holes

4954', 4946', 4940', 4913', 4842', 4837', 4829', 4823', 4802', 4794', 4788', 4782', 4773',
4760', 4750', 4710', 4701', 4688', 4677', 4649', 4631', 4621', 4599', 4573', 4564'

RU & Frac w/98,126# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on ¼" choke & flow back 3.5 hrs. Upsized choke to ½" & flowed back 2 hrs. Upsized to ¾" choke & flowed back overnight.

12/11/2002 Flowed back well thru ¾" choke. Blow down well. TIH & tag fill @ 4810'. C/O to CIBP set @ 4892'. Mill out CIBP. Circ hole clean. PU above perfs & flow back well thru ¾" choke.

12/12/2002 Flow back well thru 3/4" choke. TIH & tag fill @ 5462'. C/O to 7195'. PU above perfs & flow test well for 12 hrs. thru 3/4" choke. 1047 MCF gas, FCP 100#, trace WTR, Trace oil.

12/13/2002 TIH & tag fill @ 7185'. C/O to top of CIBP set @ 7218'. Mill out CIPB & circ hole clean. TIH & tag fill @ 7502'. Circ hole clean to PBTD @ 7508'. RU & flow back well thru 3/4" choke overnight.

12/14/2002 TIH & tag 5' of fill. C/O to PBTD. Circ hole clean. SDFN.

12/16/2002 TIH & tag 0 fill. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7419'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 12.30 hrs.