

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 COM 3M		
3. Address P. O. BOX 3092 HOUSTON, TX 77253			9. API Well No. 30-045-31189-00-X1 ✓		
4. Location of Well (Report location clearly and in accordance with Federal Requirements) At surface SESE Lot P 580FSL 1255FEL 36.43200 N Lat, 107°37'40" W Lon. At top prod interval reported below Sec 13 T29N R8W Mer NMP At total depth SESE Lot P 660FSL 660FEL 36.43200 N Lat, 107°37'40" W Lon.			10. Field and Pool, or Exploratory BASIN DK/BLANCO MV 11. Sec., T., R., M., or Block and Survey or Area Sec 13 T29N R8W Mer NMP		
14. Date Spudded 10/25/2002		15. Date T.D. Reached 11/05/2002		16. Date Completed 11/21/2002	
18. Total Depth: MD 8109 TVD		19. Plug Back T.D.: MD 8095 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL OTH				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	521		375		0	
8.750	7.000 J-55	20.0	0	3854		477		0	
6.250	4.500 J-55	12.0	0	8065		386		3754	

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	7954							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7920	8053	7920 TO 8053	0.400	50	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7920 TO 8053	61,805# OF 20/40 RESIN SAND & SLICKWATER

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
11/13/2002	11/13/2002	8	→	1.0	480.0	4.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	100.0	→					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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #16778 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD

DEC 16 2002

REVISION SERVICE

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	1308		CLIFF HOUSE	5184
NACIMIENTO	1308	2606		MENEFEE	5479
OJO ALAMO	2606	2791		POINT LOOKOUT	5838
				MANCOS	6215
				GREENHORN	7815
				DAKOTA	7873

32. Additional remarks (include plugging procedure):

Basin Dakota completion downhole commingled with the Blanco Mesaverde. Please see attached for Subsequent Completion Report

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 #16778 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 12/16/2002 (03AXG0419SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 12/10/2002

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.

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**VANDEWART COM 3M
COMPLETION SUBSEQUENT REPORT
12/09/2002**

11/07/2002 RU & run TDT log.

11/08/2002 RU & run deviation survey & CMT Imager CBL Log.

11/11/2002 RU & Perf the Dakota with 2 SPF, 120° phasing as follows: .400 inch diameter, 25 Shots / 50 Holes

**8053', 8050', 8048, 8023, 8044', 8041', 8032', 8020', 8017', 8015', 8003', 7995', 7980',
7974', 7964', 7953', 7949', 7943', 7938', 7936', 7933', 7929', 7926', 7924', 7920'**

11/12/2002 RU & Frac w/61,805# of 20/40 Resin Sand & Slickwater. ND BOP & Frac Valve. NU Flow back cross & BOP. Flow back well thru ¼" choke for 2 hrs. Upsized choke to ½" & flow back for 12 hrs.

11/13/2002 TIH & tag fill @ 8045'. C/O to PBTD @ 8065'. PU above perfs & flow test well for 8 hrs. thru ¾" choke. 480 MCF gas, FCP 100#. 1 BBLS WTR, trace oil.

11/14/2002 Flow back well. ND BOP & Frac valve. TIH & tag fill @ 8055'. C/O fill & DO hard CMT to Hard BTM @ 8095'. Circ hole clean. TOH.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

11/15/2002 RU & TIH w/CIBP & set @ 6500'. 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

**5988', 5974', 5951', 5949', 5947', 5937', 5930', 5916', 5911', 5988', 5882', 5874', 5864',
5854', 5848', 5840', 5724', 5716', 5627', 5596', 5589', 5564', 5521', 5498', 5490'**

RU & Frac w/111,488# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 5475'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .400 inch diameter, 2 JSPF 25 Shots / 50 Holes

**5460', 5448', 5437', 5430', 5416', 5411', 5398', 5393', 5385', 5379', 5371', 5359', 5348',
5337', 5331', 5322', 5320', 5304', 5299', 5296', 5244', 5237', 5222', 5191', 5186'**

RU & Frac w/97,224# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on ¼" choke & flow back overnight.

11/16/2002 @ 00.00 hrs upsized choke to ½" & flowed back for 19 hrs. Upsized choke to ¾" & flowed back overnight.

11/17/2002 Flowed back well thru ¾" choke.

11/18/2002 Blow down well. TIH & tag fill @ 5442'. C/O to CIBP set @ 5475'. Mill out CIBP. Circ hole clean. TIH & tag fill @ 6440'. C/O to 6455'. PU above perfs & flow test well for 12 hrs. thru ¾" choke. 1740 MCF gas, FCP 100#, 4 BBLS WTR, Trace oil.

11/19/2002 Flow well thru 3/4" choke. TIH & tag fill @'6440'. C/O to CIBP set @ 6500'. Mill out CIPB & circ hole clean. TIH & tag fill @ 8093'. Circ hole clean to PBTD @ 8095'. TOH.

11/20/2002 TIH & tag 5' of fill. C/O to PBTD. Circ hole clean.

11/21/2002 TIH & tag 0 fill. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7954'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 17.30 hrs.