

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			Contact: MARY CORLEY E-Mail: corleyml@bp.com		
3. Address P. O. BOX 3092 HOUSTON, TX 77253			3a. Phone No. (include area code) Ph: 281-366-4491		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE Lot P 580FSL 1255FEL 36.43200 N Lat, 107.37400 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, 107.37400 W Lon			9. API Well No. 30-045-31189-00-C2 ✓		
14. Date Spudded 10/25/2002			15. Date T.D. Reached 11/05/2002		
16. Date Completed 11/21/2002			17. Elevations (DF, KB, RT, GL)* 6916 GL		
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 Cement 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) MESAVERDE	5186	5988	5186 TO 5460	0.400	50	
B)			5490 TO 5988	0.400	50	
C)						
D)						

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

Depth Interval	Amount and Type of Material
5186 TO 5460	97,224# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N2
5490 TO 5988	111,488# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N

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
11/18/2002	11/18/2002	12	→	1.0	1740.0	4.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 120.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI							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
			→						DEC 16 2002
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI								FARMINGTON FIELD OFFICE

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

ELECTRONIC SUBMISSION #16779 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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.)
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):

Blanco Mesaverde completion downhole commingled with the Basin Dakota. 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 #16779 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 (03AXG0420SE)**

Name (please print) MARY CORLEYTitle 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.

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

**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 perms & 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 backovernight.

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 perms & 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.