

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.
NMSF078039

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> 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. BARNES A 18R		
3. Address P. O. BOX 3092 HOUSTON, TX 77253			9. API Well No. 30-045-31936-00-C1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 27 T32N R11W Mer NMP At surface NWNE 845FNL 2115FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA		
14. Date Spudded 12/30/2003			15. Date T.D. Reached 01/13/2004		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/09/2004			17. Elevations (DF, KB, RT, GL)* 6519 GL		

18. Total Depth: MD TVD 7893	19. Plug Back T.D.: MD TVD 7890	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	297		220		0	
8.750	7.000 J-55	20.0	0	3940	38	580			
6.250	4.500 J-55	12.0	0	7892		385			

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	7827							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7700	7853	7700 TO 7853	0.340	60	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7700 TO 7853	65,990# OF 20/40 BRADY 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
01/27/2004	02/06/2004	12	→	1.0	230.0	1.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI 65	65.0	→	2	460	2		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.	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 #27990 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMOCD

ACCEPTED FOR RECON.

FEB 18 2004

FARMINGTON FIELD OFFICE
BY

✓ 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.)
FLARED

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
OJO ALAMO SAN JOSE NACIMIENTO KIRTLAND	0 264 1444	264 1444		PICTURED CLIFFS CLIFF HOUSE MENEFE POINT LOOKOUT MANCOS GREENHORN DAKOTA	3252 4767 5161 5559 5902 7571 7630

32. Additional remarks (include plugging procedure):

Please see attached for well subsequent Report. Production is downhole commingled with the Mesaverde.

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 #27990 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 02/18/2004 (04AXG0641SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 02/17/2004

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 ****

Barnes A 18R
COMPLETION SUBSEQUENT REPORT
02/17/2004

01/16/2004 RU & run CBL log under 1000# pressure. Pressure test CSG to 3500# test ok.

01/22/2004 RU & Perf the Dakota with 4 SPF, 90° phasing as follows: .340 inch diameter, 15 Shots / 60 Holes

7853, 7849, 7833, 7814, 7811, 7797, 7789, 7780, 7771, 7741, 7733, 7719, 7715, 7707, 7700

01/23/2004 RU & Frac w/65,990# of 20/40 Brady Sand & Slickwater. RU & TIH w/CIBP & set @ 5900'. RU & load hole w/2% KcL WTR. Pressure test CSG to 1500 psi. RU & perf Point Lookout & Menefee, 120° phasing as follows, .330 inch diameter, 3 JSPF 20 Shots / 60 Holes

5723, 5659, 5642, 5636, 5603, 5591, 5583, 5576, 5570, 5563, 5554, 5542, 5522,
5453, 5435, 5419, 5410, 5390, 5337, 5303

01/24/2004 RU & Frac w/100,875# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 5286'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .330 inch diameter, 3 JSPF 20 Shots / 60 Holes

5241, 5233, 5226, 5157, 5143, 5131, 5120, 5110, 5099, 5088, 5077, 5066,
5040, 5018, 5009, 4920, 4882, 4873, 4779, 4772

RU & Frac w/97,475# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Opened well on ¼" choke & flow back for 6 hrs. Upsized choke to ½" & flow back overnight – flowing all N2.

01/25/2004 Flowed back thru ½" choke.

01/26/2004 Flowed back thru ½" choke. @ 12:00 upsized to ¾" choke & flowed back overnight.

01/27/2004 Flowed back thru ¾" choke. TIH & tag fill @ 5185'. PU above perfs & flowed back overnight thru ¾" choke.

01/28/2004 TIH & tag fill @ 5200'. C/O to CIBP set @ 5286'. DO CIBP. TIH & tag fill @ 5862'. C/O to CIBP @ 5900'. PU above perfs & flow back thru ¾" choke overnight..

01/29/2004 Flowed back well thru ¾" choke. TIH & tag fill @ 5869'. C/O to CIBP. PU above perfs & flow back thru ¾" choke overnight.

01/30/2004 TIH & tag fill @ 5875'. C/O to CIBP. PU above perfs & flow back well thru ¾" choke overnight.

01/12/2004 TIH & tag fill @ 5682'. C/O to CIBP @ 5690' & DO. PU above perfs & flow back well thru ¾" choke over weekend.

02/02/2004 TIH & tag CIBP. DO CIBP. TIH & tag fill @ 6700'. PU above perfs & flow back thru ¾" choke overnight.

02/03/2004 TIH & tag fill @ 7806'. C/O to PBTD @ 7890'. PU above perfs & flow back thru 3/4" choke overnight.

02/04/2004 Flowed back thru 3/4" choke overnight.

02/05/2004 TIH & tag fill @ 7858'. C/O to PBTD. PU above perfs & flow back thru 3/4" choke overnight.

02/06/2004 TIH w/PKR & set @ 7630. RU & flow test Dakota up TBG & Mesaverde up the CSG. Dakota test: thru 3/4" choke for 12 hrs. 230 MCF gas, FTP 75#, Trace WTR, Trace oil. Mesaverde test: thru 3/4" choke for 12 hrs. 430 MCF gas, FCP 75#, Trace WTR, Trace oil. Secure well & shut in.

02/07/2004 Blow down well. Release PKR & TOH. Secure well & SI overnight.

02/09/2004 RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7827'. ND BOP. NUWH. Pull TBG plug. RDMOSU. Rig Release @ 17:30 hrs.