

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 LS 8N	
3. Address P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-31254-00-C1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 26 T32N R11W Mer NMP At surface SESE Lot P 730FSL 1100FEL 36.57100 N Lat, 107.57300 W Lon At top prod interval reported below Sec 26 T32N R11W Mer NMP At total depth SWSE Lot O 770FSL 1974FEL 36.57100 N Lat, 107.57300 W Lon		10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA	
14. Date Spudded 03/08/2003		15. Date T.D. Reached 03/24/2003	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/25/2003		17. Elevations (DF, KB, RT, GL)* 6301 GL	
18. Total Depth: MD 7820 TVD 7705		19. Plug Back T.D.: MD 7817 TVD 7702	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GR OTH	
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 type="checkbox"/> No <input checked="" 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	190		162		0	
8.750	7.000 J-55	20.0	0	3491		496		0	
6.250	4.500 J-55	12.0	0	7820		310		2289	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.365	7788							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	7621	7810	7621 TO 7810	0.410	50	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7621 TO 7810	82,118# 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
04/18/2003	04/18/2003	12	→	1.0	935.0	25.0			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	50.0	→	2	1870	50		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 #21146 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PARMINGTON FIELD OFFICE

MAY 01 2003

ACCEPTED FOR RECORD

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
OJO ALAMO				FRUITLAND COAL	2308
SAN JOSE	0	123		PICTURED CLIFFS	3168
NACIMIENTO	123	1333		LEWIS SHALE	3331
KIRTLAND	1333			CLIFF HOUSE	4691
				MENEFEE	5080
				POINT LOOKOUT	5471
				MANCOS	5863
				GREENHORN	7496
				DAKOTA	7546

32. Additional remarks (include plugging procedure):

Please see attached for well subsequent report. Well is downhole commingled with the Mesaverde completion.

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 #21146 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 05/01/2003 (03AXG1094SE)**

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 04/29/2003

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 ****

BARNES LS 8N
COMPLETION SUBSEQUENT REPORT
04/29/2003

04/01/2003 RU & run CCL & GR logs. Run CBL under 1000# pressure. RU & pressure test CSG to 4200#. Test ok. RU & Perf the Dakota with 2 SPF, 120° phasing as follows: .410 inch diameter, 25 Shots / 50 Holes

7810, 7804, 7798, 7781, 7775, 7770, 7753, 7748, 7743, 7738, 7732, 7723, 7717,
7711, 7705, 7699, 7678, 7673, 7668, 7651, 7645, 7639, 7633, 7627, 7621

Shut in well.

04/07/2003 RU & circ hole clean. Pumped acid to break down perfs. PU above perfs & circ 30 BBLs fluid. RD & Secure for night.

04/08/2003 RU & TIH & tag fill @ 7790'. C/O to 7817' Circ hole clean. TOH. RD. Secure well for night.

04/09/2003 Start PAD & pumped 210 BBLs WTR – Unable to establish desired rate/ RD Frac & secure for night.

04/14/2003 RU & reperf Dakota as follows: 7775, 7770, 7753, 7748, 7743, 7738, 7732, 7723, 7717, 7711, 7705, 7699, 7678, 7673, 7668, 7651, 7645, 7639, 7633, 7627, 7621. RU & Frac w/82,118# of 20/40 Resin Sand & Slickwater. SI well for night.

04/15/2003 ND BOP & Frac Valve. TIH & blow well around. Circ well clean. Secure well & SDFN.

04/16/2003 RU & circ hole w/air to pit. Unloading heavy sand. Circ hole until sand cleared. TIH & tag fill @ 7700'. PU above perfs. RU to retrieve X-plug. BTM piece of plug did not come out of hole, RD. RU & attempt to establish circ. Unable to. Bled off press, secure well & SDFN.

04/17/2003 RU & TIH & tag @ 7700'. Break circ w/air & mist. Tight spot in CSG @ 7705'. Unable to work thru. Circ hole clean above tight spot. RU & flow back well to pit on 2 – 3" lines .

04/18/2003 Flowing well to pit. Making heavy WTR. RU & kill well. TIH & tag tight spot @ 7705'. No fill. Circ well. PU above perfs. RU & flow back well to clean out in preparation for Flow test. RU & install ¾" choke & flow test well for 12 hrs. thru ¾" choke. 935 MCF Gas, FCP 50#, 25 BBLs WTR, Trace Oil.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

04/19/2003 RU & TIH w/Composite plug & set @ 5690'. TOH. ND BOP & NU Frac Valve & FracY & load hole w/2% KcL WTR. RU & perf Point Lookout & Menefee, 120° phasing as follows, .400 inch diameter, 2 JSPF 26 Shots / 52 Holes

5592, 5579, 5573, 5554, 5538, 5529, 5512, 5505, 5498, 5492, 5486, 5480, 5474,

5467, 5460, 5452, 5444, 5435, 5428, 5324, 5263, 5235, 5228, 5222, 5211, 5203

RU & Frac w/79,775# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 5190'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .400 inch diameter, 2 JSPF 27 Shots / 54 Holes

5177, 5149, 5140, 5128, 5112, 5087, 5080, 5068, 5060, 5047, 5032, 5021, 5012,

5005, 4996, 4991, 4971, 4967, 4941, 4934, 4927, 4910, 4888, 4863, 4847, 4840, 4798

RU & Frac w/59,395# of 16/30 Brady Sand, 70% Quality Foam & N2. Frac & NU Flow back head. Open well on ¼" choke & flow back until midnight.

04/21/2003 TIH & tag fill @ 4500'. C/O to CIBP set @ 5190'. Circ hole clean, PU above perms & flow back thru ¾" choke overnight.

04/22/2003 Flowing well thru ¾" choke. TIH & tag fill @ 5188'. C/O to CIBP & DO CIBP. Circ hole clean. TIH & tag fill @ 5625'. C/O to 5700'. Circ hole clean. PU above perms & flow back well thru ¾" choke in prep for flow test. RU & flow test well for 12 hrs. thru ¾" choke. 1515 MCF Gas, FCP 90#, 8 BBLS WTR, Trace Oil.

04/23/2003 Flow back well thru ¾" choke. TIH & tag fill @ 5693'. C/O to CIBP set @ 5700'. DO CIBP. Circ hole clean to tight spot @ 7705'. TOH. Secure well & SDFN.

04/24/2003 RU, TIH & tag @ 7737' C/O to 7812'. Circ well clean. TOH, RU & flow well to pit thru ¾" choke.

04/25/2003 RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7788'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 10:00 hrs.