

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.  
NMSF078319A

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. BARRETT LS 1C	
3. Address    P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-31037-00-X1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface    NENW Lot 6 190FNL 810FWL 36.52600 N Lat, 107.49500 W Lon At top prod interval reported below At total depth    NENW Lot 6 190FNL 1040FWL 36.52600 N Lat, 107.49500 W Lon		10. Field and Pool, or Exploratory BLANCO MESAVERDE Sec., T., R., M., or Block and Survey or Area    Sec 30 T31N R9W Mer NMP County or Parish    SAN JUAN    13. State    NM	
14. Date Spudded 06/16/2002	15. Date T.D. Reached 06/23/2002	16. Date Completed 07/15/2002 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
18. Total Depth:    MD    5999 TVD	19. Plug Back T.D.:    MD    5995 TVD	20. Depth Bridge Plug Set:    MD    5995 TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TDT		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	137		150		0	
8.750	7.000 J-55	20.0	0	2937		331		0	
6.250	4.500 J-55	12.0	2801	5998		200		2801	

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	5600							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4869	5911	4869 TO 5168	3.130	48	
B)			5206 TO 5600	3.130	52	
C)			5642 TO 5911	3.130	45	
D)						

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

Depth Interval	Amount and Type of Material
4869 TO 5168	106,938# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N
5206 TO 5600	119,038# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N
5642 TO 5911	99,700# 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
07/15/2002	07/15/2002	12	▶	1.0	1301.0	0.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 165.0	24 Hr. Rate ▶	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status 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	

**ACCEPTED FOR RECORD**

JUL 22 2002  
FARMINGTON FIELD OFFICE  
BY

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

ELECTRONIC SUBMISSION #12874 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* 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	646		FRUITLAND COAL	2890
NACIMIENTO	646	1935		PICTURED CLIFFS	3150
OJO ALAMO	1935	2057		LEWIS SHALE	3645
				CLIFF HOUSE	4860
				MENEFEE	5200
				POINT LOOKOUT	5630

## 32. Additional remarks (include plugging procedure):

Please see attached for Subsequent 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 #12874 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 07/22/2002 (02AXG0381SE)**

Name (please print) MARY CORLEY Title AUTHORIZED REPRESENTATIVESignature (Electronic Submission) Date 07/18/2002

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 \*\***

**BARRETT LS 1C  
COMPLETION SUBSEQUENT REPORT  
07/18/2002**

06/25/2002 RU & run TDT log.

06/26/2002 RU & NU Frac head & Frac valve – test liner to 3000#. HELD OK.

07/04/2002 RU & Perf and perf Point Lookout, 120° phasing as follows:

2 SPF: 5911', 5907', 5888', 5873', 5863', 5855', 5850', 5843', 5829', 5821', 5817',  
5781', 5761', 5752', 5742', 5736', 5730', 5726', 5698', 5686', 5675'.

1 SPF: 5666', 5654', 5642'

07/05/2002 RU & Frac w/99,700# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5616'. RU & perf Menefee with 2 SPF, 120° phasing as follows:

5600', 5588', 5583', 5560', 5553', 5547', 5522', 5517', 5510', 5496', 5490', 5480', 5440',  
5430', 5389', 5363', 5348', 5342', 5310', 5298', 5284', 5260', 5253', 5234', 5214', 5206'.

RU & Frac w/119,038# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5194'. RU & perf Cliff House with 2 SPF, 120° phasing as follows:

5168', 5159', 5154', 5132', 5121', 5108', 5100', 5090', 5080', 5060', 5044', 5027', 5005',  
4993', 4976', 4967', 4952', 4936', 4924', 4915', 4902', 4891', 4877', 4869'

RU & Frac w/106,938# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. SI well.

07/06/2002 Open well on ½" choke for 8 hrs. SI well.

07/07/2002 Open well on ¾" choke & flow back 8 hrs. SI Well.

07/09/2002 Open well on ½" choke & flow back 2 hrs. Upsized choke to ¾" & flow back overnight.

07/10/2002 TIH & tag fill @ 5166'. C/O to CIBP set @ 5194'. DO CIBP. Circ hole clean. TIH & tag fill @ 5560'. C/O to CIBP set @ 5616'. Circ hole clean. PU above liner & flow well to pit w/watchman thru ¾" choke.

07/11/2002 TIH & tag fill @ 5601. C/O to CIBP set @ 5616'. DO CIBP. TIH & tag fill @ 5845'. C/O to PBTD @ 5995'. Circ hole clean. PU above liner & flow well on ¾" choke w/watchman.

07/12/2002 Flow well thru ¾" choke . TIH & tag fill @ 5979'. Circ hole clean to PBTD. PU above TOL & RU for flow test..

07/15/2002 Flow test well 12 hrs. thru ¾" choke. 1301 MCF Gas, trace WTR, Trace oil. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 5600'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 18:00 hrs.