

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF078336B

- 1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
BP AMERICA PRODUCTION COContact: MARY CORLEY
E-Mail: corleym@bpl.com8. Lease Name and Well No.
BARRETT LS 3B3. Address P. O. BOX 3092
HOUSTON, TX 772533a. Phone No. (include area code)
Ph: 281.366.44919. API Well No.
30-045-31035-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NWSW Lot 12 2330FSL 1000FWL 36.53000 N Lat, 107.48500 W Lon

At top prod interval reported below

At total depth

14. Date Spudded
07/08/200215. Date T.D. Reached
07/14/200216. Date Completed
☒ D & A ☒ Ready to Prod.
08/14/200210. Field and Pool, or Exploratory
BLANCO MESAVERDE11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T31N R9W Mer NMP12. County or Parish
SAN JUAN13. State
NM17. Elevations (DF, KB, RT, GL)*
6562 GL18. Total Depth: MD
TVD 606019. Plug Back T.D.: MD
TVD 602820. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL OTH22. 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	146		150		0	
8.750	7.000 J-55	20.0	0	2971		331			
6.250	4.500 J-55	12.0	2829	6059		200		2829	

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	5612							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4910	5958	4910 TO 5408	0.330	65	
B)			5472 TO 5958	0.330	62	
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4910 TO 5408	117.113# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N
5472 TO 5958	118.682# 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
08/03/2002	08/03/2002	12	→	1.0	600.0	0.0			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	
		125.0	→					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
			→						SEP 10 2002
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						FARMINGTON FIELD OFFICE BY <i>sk</i>

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

ELECTRONIC SUBMISSION #13779 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 NACIMIENTO OJO ALAMO	0	615		PICTURED CLIFFS	3408
	615	2007		LEWIS SHALE	3651
	2007	2066		CLIFF HOUSE	4904
				MENEFEE	5278
				POINT LOOKOUT	5624
				MANCOS	5976

32. Additional remarks (include plugging procedure):

Please see attached Completion Subsequent Report of Daily activity.

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 #13779 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 09/10/2002 (02AXG0615SE)**

Name (please print) MARY CORLEY Title AUTHORIZED REPRESENTATIVESignature _____ (Electronic Submission) Date 08/22/2002

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 ****

BARRETT LS 3B
COMPLETION SUBSEQUENT REPORT
08/22/2002

07/16/2002 RU & NU Frac head & Frac valve – test liner to 3000#. HELD OK. RU & run CBL & TDT logs.

Advised Jim Lovato of need to perform CMT SQZ

07/23/2002 RU & Perf and perf Point Lookout, .330 in diameter, 120° phasing as follows:

2 JSPF - 5958', 5947', 5934', 5925', 5919', 5911', 5902', 5888', 5875', 5868', 5860', 5825', 5815', 5802', 5783', 5774', 5750', 5733',

1 SPF - 5723', 5717', 5708', 5692', 5682', 5674', 5662', 5654', 5642', 5630'

2SPF - 5603', 5594', 5586', 5531', 5503', 5494', 5483', 5472'

07/24/2002 RU & Frac w/118,682# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5430'. RU & perf Menefee, .330 in diameter, 120° phasing as follows:

2 JSPF - 5408', 5398', 5386', 5367', 5362', 5358', 5349', 5340', 5310', 5298',

1 SPF - 5270', 5247', 5232', 5216', 5204', 5174', 5155',

2 SPF - 5143', 5127', 5118', 5106', 5080', 5065', 5053', 5037', 5015', 5007', 4995', 4979', 4960', 4950', 4940', 4944', 4926', 4918', 4910'

RU & Frac w/117,113# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Flow back well on 1/4" choke overnight.

07/25/2002 @ 02.00 hrs upsized choke to 1/2". @ 10.00 hrs upsized to 3/4" choke & continue flowback for 8 hrs. SI Well.

07/30/2002 NU BOP. TIH & C/O fill to CIBP set @ 5430'. DO CIBP. TIH & tag fill @ 5737'. PU above TOL & SDFN.

07/31/2002 Flow well on 3/4" choke.

08/01/2002 Flow back well on 3/4" choke. C/O fill in attempt to reach PBTD. PU above TOL. SDFN.

08/02/2002 TIH & tag 60' of fill. C/O to PBTD. PU Above TOL & flow back well on 3/4" choke.

08/03/2002 RU & Flow test well on 3/4" choke for 12 hrs. 600 MCF gas, trace OIL, Trace WTR.

08/05/2002 TIH & tag 0 fill. TOH. Kill well. TIH & set CIBP @ 3680'. Load hole. TOH. TIH & shoot SQZ holes 3050' – 3450', 4 JSPF. TIH w/CMT Retainer & set @ 3380', sting out, & circ hole. Sting into Retainer & CMT w/85 SXS CLS G CMT. Sting out & TOH.

08/06/2002 Load hole & press test. Test failed. RU, TIH & set PKR @ 2808'. CMT w/100 SXS CLS G CMT. TOH. Press up & SI.

08/07/2002 Unset PKR & TOH. TIH & tag CMT @ 2800'. DO CMT to 3040'. TIH to 3380'. Press test to 750#. Lost 100# in 5 min. TOH.

08/08/2002 RU & CMT w/25 SXS CLS G CMT.

08/09/2002 TIH & DO CMT. TIH to Retainer @ 3380'. Pressure test to 500#. Held OK. DO CMT retainer & TIH to CIBP set @ 3680' & pressure test to 500#. Test OK. TOL & SDFN.

08/12/2002 TIH & press test to 500#. Test OK. DO CIBP & chase to PBTD @ 6028' (corrected PBTD). PU above TOL, RU & flow back well.

08/13/2002 TIH & tag 18' of fill. C/O to PBTD. TOH.

08/14/2002 RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 5612'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 13:00 hrs.