

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.
NMSF079511A

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. NMMN73315	
2. Name of Operator BP AMERICA PRODUCTION CO		8. Lease Name and Well No. FLORANCE 46B	
3. Address P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-31027-00-X1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE Lot 2 750FNL 1490FEL 36.47200 N Lat, 107.41700 W Lon. At top prod interval reported below At total depth NWNE Lot 2 660FNL 1980FEL 36.47200 N Lat, 107.41700 W Lon.		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
14. Date Spudded 04/23/2002		15. Date T.D. Reached 04/28/2002	
16. Date Completed ☐ D & A ☒ Ready to Prod. 05/20/2002		17. Elevations (DF, KB, RT, GL)* 6236 GL	
18. Total Depth: MD 5708 TVD 5628		19. Plug Back T.D.: MD 5620 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TDT	
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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.500	9.625 H-40	32.0	0	145		125		0	
8.750	7.000 J-55	20.0	0	2624		331			
6.250	4.500 J-55	12.0	2524	5707		190			

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	5306							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4603	5518	4603 TO 5044	3.130	67	
B)			5127 TO 5518	3.130	63	
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4603 TO 5044	1140577# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N
5127 TO 5518	119,507# 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
05/19/2002	05/19/2002	8	→	1.0	1188.0	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	
	SI	230.0	→					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
			→						
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 #11436 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

WMOCD

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	385		PICTURED CLIFFS	3023
NACIMIENTO	385	1738		LEWIS SHALE	3251
OJO ALAMO	1738	1915		CLIFF HOUSE	4533
MESAVERDE	4603	5518		MENEFEE	4785
				POINT LOOKOUT	5224
				MANCOS	5608

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

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 #11436 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by Geneva McDougall on 05/22/2002 (02GXM0168SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

MAY 23 2002

Date 05/22/2002

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.

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FLORANCE 46B
COMPLETION SUBSEQUENT REPORT
05/21/2002

05/01/2002 RU & NU Frac head & Frac valve – test liner to 3000#. HELD OK. RU & run TDT log from TD to liner shoe.

05/07/2002 RU & Perf Point Lookout & Lower Menefee with 1 SPF, 120° phasing as follows:

5518', 5515', 5005', 5493', 5486', 5474', 5472', 5466', 5446', 5442', 5438', 5424', 5411',
5408', 5384', 5382', 5377', 5374', 5368', 5362', 5356', 5352', 5348', 5339', 5336', 5333',
5330', 5321', 5316', 5305', 5302', 5299', 5292', 5288', 5282', 5272', 5266', 5260', 5257',
5252', 5248', 5244', 5234', 5227', 5218', 5214', 5208', 5204', 5198', 5195', 5192', 5186',
5182', 5173', 5169', 5165', 5160', 5155', 5150', 5139', 5137', 5131', 5127'

05/08/2002 RU & Frac w/119,507# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5082'. RU & perf Upper Menefee & Cliffhouse with 1 SPF, 120° phasing as follows:

5044', 5036', 5031', 5028', 4999', 4993', 4989', 4986', 4983', 4976', 4970', 4956', 4952',
4949', 4945', 4941', 4934', 4931', 4924', 4920', 4918', 4913', 4903', 4899', 4894', 4888',
4868', 4852', 4840', 4835', 4827', 4816', 4809', 4806', 4801', 4798', 4787', 4782', 4776',
4768', 4760', 4754', 4748', 4742', 4738', 4718', 4714', 4704', 4700', 4692', 4687', 4676',
4674', 4670', 4665', 4661', 4652', 4649', 4640', 4634', 4630', 4627', 4623', 4619', 4613',
4607', 4603'

RU & Frac w/1140577# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head thru 1/4" choke to pit. For 8 hrs. Upsized choke to 1/2" & flowback 16 hrs..

05/09/2002 Open well on 1/2" choke for 8 hrs. Upsized choke to 3/4" & flow back 12 hrs.

05/10/2002 Open well on 1/2" choke for 8 hrs. Upsized choke to 3/4" & flow back 12 hrs.

05/13/2002 Blow down well. Flow back well thru 3/4" choke w/watchman to pit.

05/14/2002 ND Frac valve, NU BOP. TIH & tag fill @ 4790'. C/O to CIBP 5082'. DO CIBP. PU above liner & flow well on 3/4" choke w/watchman.

05/15/2002 Flow well thru 3/4" choke – flowing back N2 foam. TIH to & C/O to PBTD @ 5620'. PU above TOL & flowback well to pit.

05/16/2002 TIH & tag 58' of fill. C/O to PBTD. PU above TOL & flowback well w/watchman thru 3/4" choke.

05/17/2002 Flowback well w/watchman thru 3/4" choke. TIH & tag 38' of fill. C/O to PBTD & PU above TOL. Flow well to pit.

05/18/2002 @ 0600 hrs shut well in for 18 hrs.

05/19/2002 RU & flow test well 8 hrs. thru 3/4" choke. 1188 MCF Gas, trace WTR, Trace oil.

05/20/2002 TIH & tag fill @ 5612'. C/O to PBTD. TOH. TIH w/ 2 3/8" production TBG & land @ 5306'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 17:00 hrs.

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