Form 3160-4
(August 1999)

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. **SF - 03549**

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 Company Attn: Mary Corley

8. Lease Name and Well No.
Florance C 8M

3. Address **P.O. Box 3092 Houston, TX 77253**

3a. Phone No. (include area code) **281-366-4491**

9. API Well No.
30-045-24184 C2

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface **1545' FNL & 970' FWL**

10. Field and Pool, or Exploratory
Otero Chacra

At top prod. Interval reported below

11. Sec., T., R., M., on Block & Survey or Area
Sec. 19, T28N, R08W

At total depth

12. County or Parish **San Juan**
13. State **NewMexico**

14. Date Spudded **07/22/1980**
15. Date T.D. Reached **08/01/1980**
16. Date Completed ☐ D & A ☒ Ready to Prod. **4/2/2005**
17. Elevations (DF, RKB, RT, GL)* **5771'**

18. Total Depth: MD **6377'** TVD
19. Plug Back T.D.: MD **6265'** TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
0

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit report)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13 3/4	9 5/8"	36#	0'	312'		250 SXS	1.46	0'	
8 3/4"	7 J-55	23#	0'	3453	1700	~~500 SXS~~	~~2.61~~	0'	
~~7"~~ 6 1/4"	4 1/2" J-55	10.5#	3242'	6700		~~280 SXS~~ 430	1.46	3660	

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 3/8"	4571							

25. Producing Intervals
26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A)	Chacra	3073	3220	3073' - 3220'	0.280	45	Open
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
3073' - 3220'	254,084# 16/30 Brady Sand, 70 Quality Foam, & N2
	0

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
03/18/05	03/25/05	12	→	Trace	250	Trace			Flowing

Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
3/4"	0	45#	→					Producing

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
			→					

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

NMOCD

RECEIVED
070 FARMINGTON NM
2005 APR 15 PM 1 03

ACCEPTED FOR RECORD
APR 20 2005
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 (Included 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
				Menefee	**4050**
				Point Lookout	**4350**
				Upper Mancos	**4600**
				Gallup	**5850**
				Mancos	**6000**
				Graneros	**6305**
				Dakota	**6470**

32. Additional Remarks (including plugging procedure)

Please see attached for Subsequent Report of Completion 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
3. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* **Mary Corley** Title **Sr. Regulatory Specialist**

Signature Mary Corley Date **4/15/2005**

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.

Florance C 8M
Recompletion & Downhole Commingling Subsequent Report
04/15/2005

03/02/2005 MIRUSU. Blow down well. NDWH. NU BOPs. Pressure test BOPs. Test Ok. TIH & TOH w/TBG.

TIH w/bit & tag fill @ 4671'. C/O to 4707'. TOH TIH w/CSG scraper to TOL. TOH. TIH w/RBP & set @ 3232'. Load & circ hole w/2% KCL. Pressure test CSG. Test ok.

RU & & perforate Chacra formation w/ 3 JSPF, .280 inch diameter: (15 shots/ 45 holes): 3220', 3216, 3211, 3204, 3199, 3191, 3187, 3148, 3123, 3113, 3107, 3104, 3083, 3079, 3073.

Spearhead 500 gal 15% HCL, establish injection rate, & fracture stimulate w/254,084# 16/30 Brady Sand, 70 Quality foam & N2. RU & flowback frac thru ¼" for 6 hrs. Upsized to ½" choke & flowed back for 1 hr. Install ¼" choke and intermittely flowed back between ¼" & ½" chokes for 24 hrs. Upsized to ¾" choke & flowed back for 12 hrs.

TIH & tag fill @ 3180'. C/O to RBP set @ 3232'. PU above perfs, RU & flow test well for 12 hrs thru ¾" choke. 250 MCF Gas, Trace Oil, Trace WTR. FCP 45#. RU, TIH, tag RBP & DO. TIH & C/O fill to PBTD @ 6265'. TOH.

TIH w/2-3/8" production TBG & land @ 4571'. Pull plug. RD slickline unit. ND BOPs. NUWH. Test well for air.

04/02/2005 RDMOSU. Service Unit released @ 16:00 hrs.

Returned well to production – downhole ~~trimingling~~ Commingle Chacra & Mesaverde production.