30-045-23700

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
2003 AUG -8 AM 11:06
070 Farmington, NM

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. SF-078499

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

8. Lease Name and Well No.
TAPP LS

3. Address
P.O. BOX 3092 HOUSTON, TX 77253

3a. Phone No. (include area code)
281 [illegible]

9. API Well No.
1A

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface 790' FNL & 1560' FWL

10. Field and Pool, or Exploratory
OTERA CHACRA

At top prod. interval reported below

11. Sec., T., R., M., on Block and Survey or Area Sec 22 28N 8W

At total depth

12. County or Parish SAN JUAN | 13. State NM

AUG 2003 RECEIVED OIL CONS. DIV. DIST. 3

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☐ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
11.30.1979	12.7.1979	8-4-03	6381' GR

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
5504	5486	

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

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

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 K55	36#	0	215		224 cuft		0	
8 3/4	7	" 20	0	3185		289 cuft		0	
6 1/4	4.1/2	" 11.6	3034	5504		429 cuft			

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	5386							

25. Producing Intervals

	Formation	Top	Bottom
A)	CHACRA	3795	3940
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
3795 - 3940	.470	10	

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

Depth Interval	Amount and Type of Material
3795 - 3940	92,211# 16/30 BRADY SAND; N2 & 70% FOAM

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
7/30/03	7/31/03	12	→	TRACE	120	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		14#	→	TRACE	240	TRACE		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**	
			→						

ACCEPTED FOR RECORD
AUG 12 2003
FARMINGTON FIELD OFFICE
BY

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

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.)*

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
				MESA VERDE	4492
				Menefee	4570
				Point Lookout	5069

32. Additional remarks (include plugging procedure):

PRODUCTION IS downhole commingled with MESA VERDE

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)*

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

Signature Mary Corley Date 8-6-2003

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.

TAPP LS 1A
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
08/06/2003

07/22/2003 MIRUSU @ 07:00 hrs. NDWH & NU BOP's. Unseat TBG hanger. TIH & TOH W/2-3/8" TBG.

07/23/2003 TIH with bit and scraper for 4-1/2" casing to 5430'. Work casing scraper across Mesaverde perforations from 4410' – 5430'. TOH.

07/24/2003 RU, TIH & set a CIBP @ 4050'. RU & run GR & CBL logs. Load hole w/2% KcL water. Pressure test CSG to 2000#. Held Ok. RU & Perf Chacra w/2 JSPF, .470 inch diameter: 5 Shots / 10 Holes: 3795', 3803', 3842', 3925', 3940'.

07/28/2003 RU & Frac w/92,211# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru ¼" overnight.

07/29/2003 Flow back well thru ¼" choke. @ 10.00 hrs upsized choke to ½" & flowback for 6 hrs. Upsized to ¾" choke & flowed back over night.

07/30/2003 TIH & tagged fill @ 3920'. Circ hole clean to top of CIBP set @ 4050'. PU above perfs & flow back thru ¾" choke overnight.

07/31/2003 RU above perfs & flow test well for 12 hrs thru ¾" choke. 120 MCF Gas, Trace WTR, Trace Oil. TIH & tag fill @ 4030' Circ hole clean to top of CIBP. RU & mill out CIBP. TIH clean out to PBTD @ 5486'. PU above perfs & flow back well overnight thru ¾" choke.

08/01/2003 TIH & tag 6' of fill. Circ clean to PBTD'. PU above perfs & flow back well thru ¾" choke overnight.

08/04/2003 TIH w/2-3/8" production TBG & land @ 5386'. ND BOP. NUWH. Pull TBG plug. RDSU. RDMOSU. Rig Release @ 18:30 hrs.