

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.  
NMSF0771121a. 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: corleyml@bp.com8. Lease Name and Well No.  
WARREN A LS 1A3. Address P. O. BOX 3092  
HOUSTON, TX 772533a. Phone No. (include area code)  
Ph: 281.366.44919. API Well No.  
30-045-25232-00-C24. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 25 T28N R9W Mer NMP  
At surface NENW Tract A GONZALES 0790FNL 1710FWL 36.63811 N Lat, 107.74268 W Lon  
At top prod interval reported below  
At total depth10. Field and Pool, or Exploratory  
OTERO CHACRA11. Sec., T., R., M., or Block and Survey  
or Area Sec 25 T28N R9W Mer NMP12. County or Parish  
SAN JUAN13. State  
NM14. Date Spudded  
11/14/198115. Date T.D. Reached  
11/22/198116. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/15/200317. Elevations (DF, KB, RT, GL)\*  
6031 GL18. Total Depth: MD 5017  
TVD19. Plug Back T.D.: MD 4999  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL22. 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
13.750	9.625 K-55	36.0	0	235		224			
8.750	7.000 K-55	20.0	0	2609		418			
6.250	4.500 J-55	11.0	2440	5014		452			
				17					

## 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	4933							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHACRA	3270	3442	3270 TO 3442	0.470	40	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3270 TO 3442	220,668# 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
10/31/2003	11/03/2003	12	→	1.0	350.0	1.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
3/4	SI	25.0	→	2	700	2		

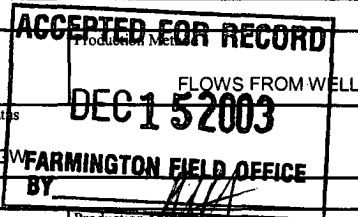
## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity
			→					
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 #25717 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM 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
MESAVERDE				MESAVERDE CHACRA MENEFE POINT LOOKOUT MANCOS	3263 3957 4542 4993

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

Please see attached for well work activity to repair the bradenhead, add pay in the Menefee and completion into the Chacra. Production is downhole commingled with Mesaverde.

## 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 #25717 Verified by the BLM Well Information System.  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by MATTHEW HALBERT on 12/15/2003 (04MXH0031SE)**

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 12/04/2003

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Warren A LS #1A  
Bradenhead Repair  
Recompletion & Downhole Commingling Subsequent Report  
12/03/2003**

10/24/2003 MIRUSU. Blow down well. NDWH. NU BOPs. Pressure test BOPs to 500 psi. Test Ok. TOH w/2-3/8" production TBG. Secure well for weekend.

10/27/2003 RU WL unit. TIH w/CIBP & set @ 4350'. Pressure test CSG to 2000#. Test Ok. RU & ran CBL. Good CMT Bond. TOC in 7" CSG @ 3010'. RU & perf Menefee formation w/2 JSPF, .470 inch diameter, (12 shots / 24 holes): 4112', 4120', 4167', 4200', 4206', 4212', 4248', 4256', 4260', 4286', 4290', 4296'.

10/29/2003 Spearhead 500 gal 15% HCL, establish injection rate, & frac w/79,193# 16/30 Brady Sand, 70% Quality Foam & N2. RU & RU, TIH w/CIBP & set @ 3500'. perf Chacra formation w/2 JSPF, .470 inch diameter, (20 shots / 40 holes): 3270' - 3274'; 3296' - 3300'; 3386' - 3390'; 3400' - 3404'; 3438' - 3442'. Spearhead 500 gal 15% HCL, establish injection rate, & frac w/220,668# 16/30 Brady Sand, 70% Quality Foam & N2. RU & flowback frac thru 1/4" choke overnight.

10/30/2003 Flow back thru 1/4" choke. @ 16:30 upsized to 1/2" choke & flowed back overnight.

10/31/2003 @ 16:00 upsized to 3/4" choke and flowed back overnight.

11/03/2003 Flow test well for 12 hrs thru 3/4" choke. 350 MCF Gas, Trace Oil, Trace WTR. FCP 25#. TIH & tag fill @ 3445'. C/O to CIBP set @ 3500'. PU above perfs & SDFN.

11/04/2003 Flow back well for 12 hrs. TIH & DO CIBP. TIH & tag fill @ 4310'. C/O to CIBP set @ 4350'. DO CIBP. PU above perfs & flowed back thru 3/4" choke overnight.

11/05/2003 Flow back thru 3/4" choke. TIH & tag 10' of fill. C/O to PBTD @ 4999'. PU above perfs & flowed back thru 3/4" choke overnight.

11/06/2003 RU, TOH w/CIBP & set @ 2475'. Loaded hole w/4%KcL WTR. Tested CSG to 1000# Held Ok. RU & shot SQZ holes @ 1000' w4 JSPF. SDFN

11/07/2003 RU & pumped 150 SXS CMT. Good returns to surface. Tail w/50 SXS CLS G CMT. SDFWE.

11/10/2003 TIH & tag CMT @ 914'. Pressure test CSG to 500#. Test Ok. DO CMT to 1000', Test CSG to 500#. Test ok.

11/11/2003 RU & ran CBL. TOC @ 250'. RU & shot SQZ holes @ 200' w/4 JSPF. Pumped 80 SXS CLS G CMT . Circ CMT to surface.

11/12/2003 TIH & tag CMT @ 100'. DO CMT & press test CSG to 500#. Held ok. TOH.

11/13/2003 TIH & tag CIBP @ 2475'. DO CIBP. Circ hole clean. TIH & tag 10' of fill. Clean out to PBTD @ 4999'.

11/14/2003 Flow back well for 2 hrs. SDFN.

11/15/2003 TOH. TIH w/2-3/8" production TBG & land @ 4933'. ND BOPs. NUWH. Test well for air. Returned well to production - downhole commingling Chacra, and Mesaverde. Service unit released @ 13:30 hrs.