

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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMSF077112		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator BP AMERICA PRODUCTION CO			8. Lease Name and Well No. WARREN A LS 2		
3. Address P. O. BOX 3092 HOUSTON, TX 77253			9. API Well No. 30-045-07353-00-C3		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 23 T28N R9W Mer NMP At surface NENE Tract A GONZALES 0917FNL 1125FEL 36.65230 N Lat, 107.75232 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory OTERO CHACRA		
14. Date Spudded 04/14/1957			15. Date T.D. Reached 05/22/1957		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/03/2003			17. Elevations (DF, KB, RT, GL)* 6121 GL		
18. Total Depth: MD TVD 5963 4921		19. Plug Back T.D.: MD TVD 4864		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	10.750 SW	32.0	0	162		150		0	
8.750	7.625 J-55	26.0	0	2564		250		1300	
6.250	5.500 J-55	16.0	2518	5963	4916	300		2518	

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	4766							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHACRA	3385	3520	3385 TO 3520	0.300	60	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3385 TO 3520	216,500# 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
10/30/2003	10/31/2003	12	→	1.0	200.0	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	125.0	→	2	400	2		PGW

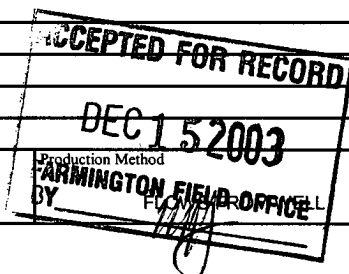
28a. Production - Interval B

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 #25370 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****



ARMCO

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 PICTURED CLIFFS CHACRA MENEFE POINT LOOKOUT	2400 3380 4420 4630 4111 4685

32. Additional remarks (include plugging procedure):

Please see attached for well recompletion activity. Production is downhole commingled with the Pictured Cliffs and 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 #25370 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 (04MXH0032SE)**

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 11/20/2003

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 #2
Recompletion & Downhole Commingling Subsequent Report
11/20/2003

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 night.

10/25/2003 RU WL unit. TIH w/CIBP & set @ 3708'. Pressure test CSG to 1000#. Test Ok.

10/27/2003 RU & run GR log. RU & perf Chacra formation w/3 JSPF, .300 inch diameter, (20 shots / 60 holes): 3385' - 3390'; 3415' - 3420'; 3500' - 3505'; 3515' - 3520';

10/28/2003 Spearhead 500 gal 15% HCL, establish injection rate, & frac w/216,500# 16/30 Brady Sand, 70% Quality Foam & N2. RU & flowback frac thru 1/4" choke overnight.

10/29/2003 Flow back thru 1/4" choke. @ 07:00 upsized to 1/2" choke & flowed back overnight.

10/30/2003 @ 07:00 upsized to 3/4" choke and flowed back overnight.

10/31/2003 Flow test well for 12 hrs thru 3/4" choke. 200 MCF Gas, Trace Oil, Trace WTR. FCP 125#. TIH & tag fill @ 3580'. C/O to CIBP & DO. TIH & tag fill @ 4862'. C/O to PBTB @ 4864'. RU & flow back thru 3/4" choke overnight.

11/01/2003 Flow back thru 3/4" choke. TIH & tag 0 fill. TOH & SI Well.

11/03/2003 TOH. TIH w/2-3/8" production TBG & land @ 4766'. RU SL unit. Run gauge ring for 2-3/8" TBG. Pull plug & set tubing stop for plunger. RD slickline unit. ND BOPs. NUWH. Test well for air. Returned well to production - downhole commingling Chacra, Mesaverde, and Pictured Cliffs production. Service unit released @ 15:30 hrs.