

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.  
NMSF078390

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator BP AMERICA PRODUCTION CO			8. Lease Name and Well No. JONES A LS 3A		
3. Address 200 ENERGY CT FARMINGTON, NM 87402			9. API Well No. 30-045-23769-00-C2		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T28N R8W Mer NMP At surface NWNW 0840FNL 0830FWL 36.66632 N Lat, 107.67394 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory OTERO CHACRA		
14. Date Spudded 11/12/1979			15. Date T.D. Reached 11/19/1979		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/19/2004			17. Elevations (DF, KB, RT, GL)* 6378 GL		
18. Total Depth: MD 5532 TVD		19. Plug Back T.D.: MD 5514 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL			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	9.625 K-55	36.0	0	304				0	
8.750	7.000 K-55	20.0	0	3121				1800	
6.500	4.500 K-55	10.5	3038	5532				3300	

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	5514							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHACRA	3822	4012	3822 TO 4012	0.370	56	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3822 TO 4012	272,500# 16/30 BRADY SAND, 70 QUALITY FOAM & N2

ACCEPTED FOR RECORD

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
11/13/2004	11/15/2004	12	→	1.0	500.0	1.0			FARMINGTON FIELD OFFICE
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	65.0	→	2	1000	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
			→						NMOCD
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)

ELECTRONIC SUBMISSION #51769 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## 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 POINT LOOKOUT	3810 5088

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

Please see attached well subsequent report for well work details.

## 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 #51769 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 12/17/2004 (05MXH0250SE)**

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

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

Date 12/10/2004

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 \*\***

**Jones A LS 3 A**  
**Recomplete into the Chacra & Downhole Commingle Production**  
**12/01/2004**

11/15/2004 MIRUSU. Blow down well. NDWH. NU BOPs. Pressure test BOPs to 500 psi.

TIH & tag fill, TOH w/TBG string. TIH w/ bit & CSG scraper to PBTD @ 5514'. TOH. TIH w/CIBP & set @ 4200'. Load well with 2% KCL. Pressure test casing to 1800 psi. Test OK.

RU & ran CBL log. RU & Perforate Chacra formation w/4 JSPF, .370 inch diameter: 16 shots / 56 holes: 4012, 4000, 3975, 3965, 3952, 3947, 3877, 3872, 3847, 3842, 3837, 3832, 3827, 3822'.

Spearhead 500 gal 15% HCL, establish injection rate, & fracture stimulation w/272,500# 16/30 Brady Sand, 70 Quality Foam & N2. Ru & flowback frac thru 1/4" choke for 12 hrs. Upsized to 3/4" choke & flowed back for 10 hrs. Changed to 1 2" line & flowed back for 1 hrs. SI well for 48 hrs.

RU & flow test well for 12 hrs thru 3/4" choke: 500 MCF gas, Trace WTR, Trace Oil.

TIH & C/O fill to CIBP set @ 4200'. DO CIBP. TIH & tag @ 5470' & C/O to PBTD at 5514'.

TIH w/2-3/8" production TBG (muleshoe sub, F-nipple, 4 ft pup, X-nipple w/plug in place) & land @ 5426'. ND BOP. NUWH.

11/19/2004 RDMOSU.

Return well to production. Production downhole commingled with the Mesaverde.