

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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. <b>SF - 078390</b>							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr.		6. If Indian, Allottee or Tribe Name							
2. Name of Operator <b>BP America Production Company Attn: Mary Corley</b>		7. Uniformed Agreement Name and No. <b>2005 OCT 24</b>							
3. Address <b>P.O. Box 3092 Houston, TX 77253</b>		8. Lease Name and Well No. <b>070 FARMINGTON Jones A LS 4</b>							
3a. Phone No. (include area code) <b>281-366-4491</b>		9. API Well No. <b>30-045-07485 C2</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>990' FNL &amp; 1830' FEL</b> At top prod. Interval reported below At total depth		10. Field and Pool, or Exploratory <b>Otero Chacra</b>							
14. Date Spudded <b>04/03/1956</b>		11. Sec., T., R., M., on Block & Survey or Area <b>Sec. 13, T28N, R08W</b>							
15. Date T.D. Reached <b>04/13/1956</b>		12. County or Parish <b>San Juan</b>							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>9/30/2005</b>		13. State <b>New Mexico</b>							
17. Elevations (DF, RKB, RT, GL)* <b>5771'</b>		18. Total Depth: MD <b>5365'</b> TVD							
19. Plug Back T.D.: MD <b>5320'</b> TVD		20. Depth Bridge Plug Set: MD TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</b>		22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13 3/4"	10 3/4"	32.75#	0'	177'		125 SXS	1.46	0'	
10 3/4"	7 J-55	26.4#	0'	3145'		250 SXS	2.61	1800'	
6 1/2"	4 1/2" J-55	15.5#	0'	5360'		250 SXS	1.46	3725'	
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"	5271'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status			
A) Chacra	3974'	4154'	3974' - 4154'	0.000	60	Open			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
3974' - 4154'	285,000# 16/30 Brady Sand, 70 Quality Foam, & N								
	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
09/23/05	09/28/05	12	Trace	Trace	165 MCF	Trace			Flowing
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
1/4"	0	230#	Trace						
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
			Trace						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			Trace						

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

NWMOCD

## 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
				Ojo Alamo	1920'
				Kirtland	2044'
				Kirkland Sand	2634'
				Pictured Cliffs	2971'
				Lewis Shale	3042'
				Chacra	3100'
				Cliffhouse	4590'
				Menefee	4710'
				Point Lookout	5165'

32. Additional Remarks (including plugging procedure)

Please see attached for Subsequent Report of Completion Activity. Production is downhole commingled with the Blanco 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      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)\*

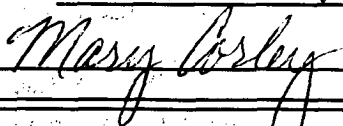
Name (please print)

Mary Corley

Title

Sr. Regulatory Specialist

Signature



Date

10/18/2005

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.

Jones A LS 4  
API No. 30-045-07485  
Recompletion & Downhole Commingling Subsequent Report  
10/18/05

8/17/2005 - MIRUSU.

Blow down well. NDWH. NU BOPs. Test BOPs to 200 psi/1000 psi. Kill well w/ 2% KCL. TIH w/scrapper. Tag fill @ 5305'. TOH. TIH, latch onto TBG & POOH. TIH w/CIBP & set @ 4600'. Tested csg to 200 psi.

TIH & shot SQZ holes @ 4050' w/4 JSPF. TIH & set CMT retainer @ 4000'. RU & CMT SQZ 100 SXS CMT. Tested CMT SQZ to 2000#. TIH, tag fill @ 4005' & mill out retainer & CMT from 4015' to 4069'.

Blow well down. RU & ran CBL – found TOC @ 4110'.

TIH & shot SQZ holes @ 3850' w/4 JSPF. TIH & set CMT retainer @ 3754'. RU & CMT SQZ 100 SXS CMT. TIH, tag Retainer & mill out retainer & CMT from 3765' to 3830'.

Tagged CIBP @ 4600'. Tested csg to 500 psi – OK. RU & ran CBL log from 4600' to 2500'. TOC @ 3840. TIH & shot SQZ holes @ 3800' w/4 JSPF. RD WL. TIH w/cmt retainer & set @ 3700'.

RU, sting into retainer, mix & pump 60 SXS CMT. Sting out of retainer. Cement 5.5" x 6.75" annulus to cover Chacra formation for frac isolation.

TIH & tag CMT @ 3836'. DO retainer & CMT to 3836'. TIH & tagged CIBP @ 4600'. RU & ran CBL from 4000' – 2800'. RU, TIH, & shot SQZ holes @ 3300' w/4 JSPF. TIH & set CMT retainer @ 3195'. RU & CMT SQZ 200 SXS CMT & tail w/70 SXS CMT, circ 15 SXS to surface.

***Per Richard Pomrenke's (BP) conversation with Steve Hayden & Charlie Perrin on 9/19/05, there is no need for additional CBL since cement was circulated to surface from 3300'.***

TIH, tagged retainer @ 3195', & DO. TIH tagged CMT @ 3235'. DO CMT to 3315'. TIH & tagged CIBP @ 4600', Tested csg to 500 psi – held. TOH.

RU & perforate Chacra @ 4154', 4149', 4129', 4111', 4105', 4099', 4028', 4022', 3992', 2985', 2979' & 3974' w/ 5 SPF – 12 Shots/ 60 Holes. RU & Frac w/285,00# 16/30 Brady Sand, 70 Quality Foam & N2.

RU & flow well back on 1/4" choke for 12 hrs. Upsized choke to 1/2" & flowed back for 24 hrs. Upsized to 3/4" choke & flowed back for 24 hrs.

Flow well on 2" choke 24 hrs @ 12 PSI decreasing to 2 PSI. TIH & C/O fill to CIBP @ 4600'. RU & flow tested well for 12 hrs thru 1/4" choke. 165 MCF Gas, trace oil, trace WTR. CP 230#.

TIH, & tagged CIBP @ 4600 & DO. TIH, tagged fill @ 5300' & C/O to PBTD @ 5320'.

09/30/2005 – TIH w/2 3/8" TBG & land @ 5271'. ND BOP NU WH. Pulled tbg plugs, set plunger stop.

10/03/2005 – RDMOSU. Rig released @ 10:00 hrs.