

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RCVD OCT30'06  
OIL CONS. DIV.  
DIST. 3

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

1a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☒ Diff-Resvr  
Other

2. Name of Operator  
**BP America Production Company Attn: Cherry Hlava**

3. Address: **P.O. Box 3092 Houston, TX 77253**  
3a. Phone No. (include area code): **281-366-4081**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface: **1667' FSL 1750' FEL NWSE**  
At top prod. Interval reported below  
At total depth

5. Lease Serial No.: **SF 078499**  
6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.  
8. Lease Name and Well No.: **Riddle F LS 2A**  
9. API Well No.: **30-045-22746**  
10. Field and Pool, or Exploratory: **Otero Chacra**  
11. Sec., T., R., M., on Block & Survey or Area: **Sec 8 T28N & R8W**  
12. County or Parish: **San Juan** 13. State: **New Mexico**  
14. Date Spudded: **02/03/1978** 15. Date T.D. Reached: **02/08/1978** 16. Date Completed: ☐ D & A ☒ Ready to Prod. **10/5/2006**  
17. Elevations (DF, RKB, RT, GL)\*: **5924' GL**

18. Total Depth: MD **5042'** TVD  
19. Plug Back T.D.: MD **5024'** TVD  
20. Depth Bridge Plug Set: MD TVD  
21. Type Electric & Other Mechanical Logs Run (Submit copy of each): **CBL & RST**  
22. Was well cored? ☐ No ☐ Yes (Submit analysis)  
Was DST run? ☐ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13 3/4"	9 5/8"	32.3	0	215'		224 cf		0'	
8 3/4"	7"	20#	0	2677'		294 cf		1300'	
6 1/4"	4 1/2"	10.5#	2540'	5042'		440 cf		Previously filed	

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"	4961'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Chacra	3345'	3475'	3345' - 3475'	3.125"	64	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3345' - 3460'	149,000# of 16/30 Brady Snd w/65 Q foam. 1126 gal of 15% Acid

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
est 10/4/06	09/28/06	12	→	Trace	156	Trace			Pump
Choke Size	1bg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	0	7#	→					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	1bg. 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)

ACCEPTED FOR RECORD

OCT 26 2006

FARMINGTON FIELD OFFICE

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	1 bg. 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	1 bg. 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.)

## Flare

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
				Previously Reported	

32. Additional Remarks (including plugging procedure)

Please see attached for Subsequent Report of Chacra 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) Cherry HlavaTitle Regulatory Analyst

Signature

Cherry HlavaDate 10/6/2006

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.

**Riddle F LS 2A**  
**30-045-22746**  
**CHACRA PAYADD SUBSEQUENT REPORT**  
**10-03-06**

9/11/06 SPOT IN EQUIPMENT. RUN GR TO 4927'

9/12/06 BLOW WELL DN TO TNK. PRES TST BOP & VALVES TO 1000 PSI HIGH 250 LOW – HELD OK.

9/13/06 TIH SET COMPOSIT BP @3820'. LOAD HOLE w/2% KCL & PRES TST TO 500 PSI – HELD OK.

9/14/06 TIH w/PKR & SET @2600'. PRES TEST 4.5" CSG TO 2100 PSI. – HELD OK. PRLEASE PKR & PULL ABOVE LINER.

9/15/06 RUN CBL FROM COMPOSITE BP TO SURFACE; EST CMT TOP @1300'. PERF CHACRA 3460' – 3475'; 3385' – 3390'; 3345' – 3353' w/2 JSPF. RIG DN. WIRE LINE. PRES TST RAMS TO 1500 HIGH/ 250 LOW – HELD OK.

9/16/06 TIH SET PKR @2601'. PRES TST FRAC STRING TO 5000 PSI HELD OK. FPRESS TST ANNULES TO 500 PSI.

9/18/06 PRES TST LINES 6000 PSI. FRAC CHACRA 3460' – 3345' w/149,000# 16/30 BRADY SND. w/65 Q FOAM. PMP 1126 GAL of 15% ACID UP FRONT.

9/19/06 FLOW TESTING. ON ¼" CK. 9/26/06 CLEAN OUT TO TOP OF COMP PLUG.

9/27/06 TIH MILL OUT PLUG @3820'. CLEAN OUT TO 4024'.

10/3/06 ND BOP & NU WELL HEAD.

10/4/06 TIH & LAND 2 3/8" TBG @ 4961'.

10/5/06 RIG DN MOVE OFF LOCATION.

*Jo*