

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 ☐ 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 730' FNL &amp; 1510' FWL

At top prod. Interval reported below 730' FNL &amp; 1510' FWL

At total depth SAME AS ABOVE

5. Lease Serial No.

NMNM 04208

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

McCULLEY LS 4E

9. API Well No.

30-045-3251122

10. Field and Pool, or Exploratory

Blanco Mesaverde

11. Sec., T., R., M., on Block &amp; Survey or Area

Sec 14 T28N R09W

12. County or Parish

San Juan

13. State

NM

14. Date Spudded

3/30/2005

15. Date T.D. Reached

4/5/2005

16. Date Completed

☐ D & S☒ Ready to Prod.

3/10/2006

17. Elevations (DF, RKB, RT, GL)\*

5832' GL

18. Total Depth: MD 6730  
TVD 673019. Plug Back T.D.: MD 6722'  
TVD 6722'20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL & RST22. 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 1/2"	9 5/8" H-40	32	0	234'		173		0	
8 3/4"	7" J-55	20	0	2526'		315		0	
6 1/4"	4.5" J-55	11.6	0	6724'		350		3868'	

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"	6676'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Blanco Mesaverde	4500'	4609'	4500' - 4609'	3.125"	60	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4500' - 4609'	PMP 12 bbls ACID AHEAD. N2 & SET @70% QUALITY; PMP 149,000 lbs 3 SNDs; BADGER, BRADY & PROP NET LATENT SND; FLUSH w/FOAM

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
	3/7/06	12	→	trace	675	trace			Flows
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"		80#	→					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	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)

2006 MAR 24  
RECEIVED  
FARMINGTON FIELD OFFICE  
APR 10 2006  
BY [Signature]  
NMNM000

## 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	1bg. 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	1bg. 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.)

## Vented / Sold

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
				Otro 1	3150'
				Otro 1	3257'
				Cliff House	3671'
				Menefee	3875'
				Point Lookout	4443'
				Mancos	4810'
				Greenhorn	6390'
				Graneros	6453'
				Twowells	6493'
				Paguate	6573'
				Upper Cubero	6616'
				Lower Cubero	6648'
				Encinal Canyon	6678'

32. Additional Remarks (including plugging procedure)

**Per BLM verbal 6 month requirement: Cement remediation will be accomplished in 6 months. Should you have any questions please call John Papageorge @ 281-366-5721**

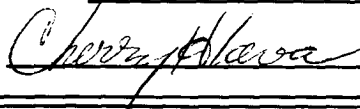
33. Circle enclosed attachments

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

Date 3/16/2006

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.

**McCulley LS 4E**

**30-045-32511**

**Completion Mesaverde Subsequent Report**

**03/15/2006**

**2/24/06** LAY 3" LINES TO PIT.

**2/27/06** BLW DOWN TO FLARE PIT. ND WELL HEAD; NU BOP. TEST STACK TO 250 PSI LOW & 1500 PSI HIGH.

**2/28/06** TIH & SET COMPOSITE DRILLABLE BP @4825'. PRESSURE TEST CSG & BLIND RAM TO 1500 PSI 30 MIN. TEST GOOD.

**3/1/06** TIH w/3.125" GUN & PERF LOWER MV 4500' – 4609' @2 JSPF TOTAL OF 60 HOLES.

**3/2/06** TIH & FRAC MV w/149,000 lbs OF 3 SANDS; BADGER, BRADY & PROP NET LATENT SAND & FLUSH w/FOAM TO TOP PERF. ISIP 952 PSI.

**3/3/06** FLOW DRY GAS & N2.

**3/7/06** FLOW TESTING LOWER MV @ 1.35 MMCFD RATE of DRY GAS

**3/8/06** TIH & MILL OUT BP @4825'. CLEAN OUT TO PBTD @6722'.

**3/9/06** TIH TAG FILL @6685'. C/O TO PBTD @6722'.

**3/10/06** CSG 450 PSI BLW DN TO FLARE PIT W/OUT FLRING DUE TO HIGH WIND. TEST TBG TO 500 PSI; HELD 15 MIN. GOOD TEST. TIH LAND 2 3/8" TBG @6676'. RIG DN MOVE OFF LOCATION.