

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

DHC-3327

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. NNM - 04208	
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. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator BP AMERICA PRODUCTION COMPANY		Contact: MARY CORLEY E-Mail: corleym1@bp.com	
3. Address P.O. BOX 3092 HOUSTON, TX 77253		3a. Phone No. (include area code) Ph: 281.366.4491	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 14 T28N R9W Mer NMP At surface NWSW 1850FSL 1090FWL At top prod interval reported below At total depth		8. Lease Name and Well No. MCCULLEY LS 2	
14. Date Spudded 02/01/1957		15. Date T.D. Reached 03/19/1957	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/30/2004		9. API Well No. 30-045-07443	
18. Total Depth: MD 4691 TVD		19. Plug Back T.D.: MD 4650 TVD	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory OTERO CHACRA	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		11. Sec., T., R., M., or Block and Survey or Area Sec 14 T28N R9W Mer NMP	
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)		12. County or Parish SAN JUAN	
		13. State NM	
		17. Elevations (DF, KB, RT, GL)* 5924 GL	

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
13.500	10.750 SW	33.0	0	173		150		0	
9.625	7.625 J-55	26.0	0	2417		200		1310	
6.250	5.500 J-55	16.0	2336	4691		300		1957	

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	4588							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHACRA	3210	3380	3210 TO 3380	0.330	45	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
3210 TO 3380	180,000# 16/30 BRADY SAND, 70 QUALITY FOAM & N2

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/23/2004	08/25/2004	12	→	1.0	550.0	1.0			FLows FROM WELL
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	80.0	→					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 #36311 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

NMOCD

SEP 20 2004
FARMINGTON FIELD OFFICE
BY *[Signature]*

ACCEPTED FOR RECORD

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 (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
				OJO ALAMO	1182
				KIRTLAND	1332
				FRUITLAND	1934
				PICTURED CLIFFS	2235
				LEWIS	2317
				CLIFFHOUSE	3905
				MENEFEE	3934
				POINT LOOKOUT	4513
				MANCOS	4630

32. Additional remarks (include plugging procedure):

Please see attached well subsequent report for well activity.

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 #36311 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 09/20/2004 ()**

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 09/17/2004

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

McCulley LS 2
Recompletion & Downhole Commingling Subsequent Report
09/17/2004

08/16/2004 MIRUSU.

NDWH. NU BOPs. Pressure test BOPs to 500 psi. Test Ok. RU, TIH w/CIBP & set @ 3900'. Test CSG to 500#. OK.

RU & perforate Chacra formation w/ 3 JSPF, .330 inch diameter: (15 shots/ 45 holes): 3210, 3212, 3214, 3216, 3236, 3237, 3238, 3321, 3325, 3331, 3340, 3348, 3360, 3375, 3380'.

Spearhead 500 gal 15% HCL, establish injection rate, & fracture stimulate w/180,000# 16/30 Brady Sand, 70 Quality foam & N2. RU & flowback frac thru 1/4" for 8 hrs. Upsized to 1/2" choke & flowed back 8 hrs. Upsized to 3/4" choke & flowed back for 16 hrs.

TIH & C/O fill to 3900'. RU & flow test well for 12 hrs thru 3/4" choke. 550 MCF Gas, Trace Oil, Trace WTR. FCP 80#. TIH & tag CBP & DO. TIH & C/O fill to PBTD @ 4650'.

TIH w/2 3/8" Prod TBG & land @ 4588'. RD service unit. ND BOPs. NUWH.

08/30/2004 Service unit released @ 09:00 hrs.

Returned well to production - downhole commingling Chacra, Mesaverde & Pictured Cliffs production.