

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.
NMSF - 079319

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 checked="" type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator BP AMERICA PRODUCTION COMPANY			8. Lease Name and Well No. SCHWERTDFEGER A LS 9		
3. Address P.O. BOX 3092 HOUSTON, TX 77253			9. API Well No. 30-045-07037		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 31 T28N R8W Mer NMP At surface NENE 1190FNL 654FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory OTERO CHACRA		
14. Date Spudded 09/09/1957			15. Date T.D. Reached 10/03/1957		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/03/2003			17. Elevations (DF, KB, RT, GL)* 6714 GL		
18. Total Depth: MD 5480 TVD		19. Plug Back T.D.: MD 5379 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR			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
13.500	10.750 SW	32.0	0	174		150		0	
9.625	7.625 J-55	26.0	0	5118		300		2080	
6.250	5.500 J-55	16.0	5068	5475		110		5068	

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	5323							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHACRA	3938	4085	3938 TO 4085	0.410	45	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3938 TO 4085	155.00# 16/30 BRADY SAND, 70 QUALITY FOAM & N2

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
07/19/2004	07/22/2004	12	→	1.0	578.0	1.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	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.	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 #34851 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD

AUG 19 2004

FARMINGTON FIELD OFFICE
BY 

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	2032
				KIRTLAND	2161
				FRUITLAND	2693
				PICTURED CLIFFS	2962
				LEWIS	3043
				CLIFF HOUSE	4628
				MENEFEE	4659
				POINT LOOKOUT	5228
				MANCOS	5410

32. Additional remarks (include plugging procedure):

Please see attached for wells subsequent report.

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 #34851 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 08/19/2004 ()

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/19/2004

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 ****

Schwerdtfeger A LS 9
Recompletion & Downhole Commingling Subsequent Report
08/16/2004

07/13/2004 MIRUSU.

Blow down well. NDWH. NU BOPs. Pressure test BOPs to 500 psi. Test Ok.
RU, TIH & TOH w/TBG.

TIH w/bit & scraper to 4860'. TOH. TIH w/RBP & set @ 4800'. Load & circ hole
w/2% KCL. Pressure test CSG to 1000#. Test ok. RU & run GR log.

RU & perforate Chacra formation w/ 3 JSPF, .410 inch diameter: (15 shots/ 45
holes): 3938, 3939, 3940, 3941, 3964, 3965, 3966, 3967, 4048, 4049, 4065,
4072, 4073, 4074, 4085'

Spearhead 500 gal 15% HCL, establish injection rate, & fracture stimulate
w/155,00# 16/30 Brady Sand, 70 Quality foam & N2. RU & flowback frac thru
1/4" for 12 hrs. Upsized to 1/2" choke & flowed back 8 hrs. Upsized to 3/4" choke
& flowed back for 24 hrs.

TIH & tag fill @ 4515'. C/O to RBP set @ 4800'. RU & flow test well for 12 hrs
thru 3/4" choke. 578 MCF Gas, Trace Oil, Trace WTR. FCP 80#. TIH & latch
onto RBP & TOH. TIH & C/O fill to PBTD @ 5379'.

TIH w/2-3/8" production TBG & land @ 5323'. Pull plug. RD slickline unit. ND
BOPs. NUWH. Test well for air.

08/03/2004 Service unit released @ 19:00 hrs.

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