

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.  
NMSF077112

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 type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator BP AMERICA PRODUCTION CO		8. Lease Name and Well No. WARREN 1	
3. Address P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-11612-00-S2	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 25 T28N R9W Mer NMP SESW 1190FSL 1850FWL 36.62903 N Lat, 107.74217 W Lon MAR 2003 At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
14. Date Spudded 12/01/1965		15. Date T.D. Reached 12/22/1965	
16. Date Completed <input type="checkbox"/> D. & A <input checked="" type="checkbox"/> Ready to Prod. 01/03/2003		17. Elevations (DF, KB, RT, GL)* 5891 DF	
18. Total Depth: MD 6776 TVD		19. Plug Back T.D.: MD 2184 TVD	
20. Depth Bridge Plug Set: MD 2184 TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		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
12.250	8.625	24.0	0	244		150		0	
7.875	4.500	10.0	0	6776		760			

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	2104							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	2000	2110	2000 TO 2012	0.330	26	
B)			2090 TO 2110	0.330	42	
C)						
D)						

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

Depth Interval	Amount and Type of Material
2000 TO 2110	144,000# 16/30 BRADY SAND & 2% KCL/N2 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
01/02/2003	01/02/2003	12	→	1.0	100.0	0.0			GAS LIFT
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	30.0	→	2	200	0	100000	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 #18481 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

NMOCD

MAR 07 2003

ACCEPTED FOR RECD.

## 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.)  
SOLD

## 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
NACIMIENTO	0	1150		DAKOTA	
OJO ALAMO	1150	1287		PICTURED CLIFFS	2120
KIRTLAND	1287	1848		MESAVERDE	3690
FRUITLAND	1848	2119			
PICTURED CLIFFS	2119	2219			
CHACRA	3080	3690			
CLIFF HOUSE	3690	3808			
MENEFEE	3808	4380			
POINT LOOKOUT	4380	4742			
MANCOS	4742	5570			
GALLUP	5570	6430			
DAKOTA	6430	6730			
MORRISON	6730	6776			

## 32. Additional remarks (include plugging procedure):

The Dakota formation has been abandoned and the well has been recompleted into the Basin Fruitland Coal. Please see attached for Recompletion 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 #18481 Verified by the BLM Well Information System.**  
**For BP AMERICA PRODUCTION CO, sent to the Farmington**  
**Committed to AFMSS for processing by Matthew Halbert on 03/07/2003 (03MXH0559SE)**

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 02/11/2003

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.

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**WARREN 1**  
**RECOMPLETION SUBSEQUENT REPORT**  
**01/15/2003**

**12/15/2002 Check anchors. MIRU workover rig. Test well for H2S & secure well.**

**12/16/2002 Check & record pressures. Blow down well. RU & mix pump H2S scavenger. Pumped 70 BBLS down CSG & 85 BBLS down TBG. SI & SDFN.**

**12/17/2002 NDWH. NU BOPs. Unseat TBG hanger & TOH w/2-3/8" production TBG set @ 6723'. TIH w/CSG scraper to 6505'. TOH. SDFN.**

**12/18/2002 TIH w/4-1/2" CIBP & set @ 6472'. Load the well with 2% KCL. PU & spot 100' CMT plug above CIBP from 6372' – 6472'. PU to 5623'. Spot balanced CMT plug from 5523' – 5623' [Gallup]. PU to 3749' & SDFN.**

**12/19/2002 RU & spot balanced 100' CMT plug from 3650' – 3750' [Cliffhouse]. PU to 3150' & spot balanced CMT plug from 3050' – 3150' [Chacra]. TOH. RU WL unit. TIH w/4-1/2" CIBP & set @ 2184'. Load hole & ran CBL from 1800' – 2184'. Pressure test CSG to 2000 psi. Test Ok. RU & perf Fruitland Coal w/4 JSPF, .330 inch diameter from 2090' – 2110' & from 2000' – 2012'. RD. SI & SDFN.**

**12/20/2002 RU, TIH w/RBP & set @ 1000'. Test plug to 500#. Test Ok. TOH w/RBP. SDFN.**

**12/22/2002 RU & frac w/144,000# 16/30 Brady Sand & 2% KCl/N2 foam. ND Frac valves & RU & flow back thru 1/4" choke 24 hrs. SI Well.**

**12/30/2002 RU & install 3" blow down lines. TIH & tag fill @ 2110'. C/O to CIBP set @ 2184'. PU above perfs & SDFN.**

**12/31/2002 TIH & tag 10' of fill. C/O to CIBP. PU above perfs & natural flow well for 2 hrs. TIH & tag 5' of fill. C/O to CIBP. PU above perfs & natural flow for 2 hrs. TIH & tag 5' of fill. C/O to CIBP. SDFN.**

**01/02/2003 TIH & tag 5' of fill. C/O to CIBP. PU & natural flow well. TIH & tag 6' of fill. C/O & PU above perfs, RU & flow test well thru 3/4" choke for 12 hrs. 100 MCF gas, trace WTR, trace oil.**

**01/03/2003 TIH & tag 12' of fill. Circ hole clean to CIBP. TIH w/2-3/8" production TBG & land @ 2104'. ND BOP. NUWH. RDMO workover rig. Rig released @ 17:00 hrs.**