

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF - 078513

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 checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resv. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator BP AMERICA PRODUCTION COMPANY		8. Lease Name and Well No. ARNAUD A 3S	
3. Address P.O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-31428	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 1940FSL 1820FEL 36.58100 N Lat, 107.48000 W Lon At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
14. Date Spudded 05/16/2003		15. Date T.D. Reached 05/21/2003	
16. Date Completed 06/23/2003		17. Elevations (DF, KB, RT, GL)* 6771 GL	
18. Total Depth: MD TVD 3753		19. Plug Back T.D.: MD TVD 3200	
20. Depth Bridge Plug Set: MD 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H-40	32.3		138		110		0	
8.750	7.000 J-55	20.0		3299		319		420	

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	3300							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3240	3620	3240 TO 3620	0.000	0	OPEN HOLE COMPLETION
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
0 TO 0	NO ACID/FAC

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
06/23/2003	05/23/2003	24	→	1.0	1964.0	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 473	472.0	→					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 #22386 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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NMCCD

ACCEPTED FOR RECORD

JUL 11 2003

FARMINGTON FIELD OFFICE

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
				OJO ALAMO KIRTLAND FRUITLAND COAL PICTURED CLIFFS	2028 2154 3180 3619

32. Additional remarks (include plugging procedure):
Please see attached completion summary.

Per request: Braden Head pressure test was performed prior to bringing the well on line.

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 #22386 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION COMPANY, will be sent to the Farmington

Name (please print) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Cherry Hlava

Date 06/25/2003

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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ARNAUD A 3S
NEW DRILLING WELL COMPLETION
30-045-31428

5/21/03 RU & FLW WELL ON ¾" CK; SICP FOR 1 hr=350 psi. TESTING WELL 1399 MCF FOR 1 hr. RIH w/UNDERREAMING BHA & 2 jts 3-1/2" DP. CHNG OUT WASHINGTON HEAD RUBBER. RIH w/UNDRREAMING BHA TO 3307'. UNLOAD HOLE; OPEN UNDERREAMER. UNREAMING 3307' - 3449'.

5/22/03 UNDERREAMING 3410' - 3607' BLEW HOLE CLEAN w/AIR & MIST. POH LD DP & DCS. FLW TESTING ON ¾" CK. STABILIZED @ 121 psi 1964 MCF 3 hrs.

5/23/03 FLW TESTING STABILIZED @ 1964 MCFD. **TIH w/CIBP & SET @3200'**. FILLED 7" w/H2O & ALLOWED AIR & GAS BUBBLES TO WORK THEMSELVES OUT OF ANNULUS; RD ROTATION HEAD. RU 11" 3M FLANGE & 7" LUBRICATOR. TIH & RUN CBL 1000' TO 0 FOUND TOP OF CMT TO BE @ 420'. ND BOPS; NU B-SECTION & MASTER VALVE w/FMC. RD RIG RELEASED 5/23/03

6/20/03 MIRU PICK UP & STAGE IN HOLE 4 DRILL COLLARS, 3080' 2 3/8" TBG. SDON

6/21/03 UNLOAD WELL @3200'. **DRILL CIBP @ 3200'**. CHASE PLUG TO PBTD, TOH. TIH & **LAND 2 3/8" TBG @ 3300'**. SDFN.

6/23/03 500 PSI CSG, 0 PSI TBG, 0 PSI BRADENHEAD, ND BOP, NU WH. TIH, PULL PLUG. RD MO LOCATION. WELL IS CURRETNLY FLOWING TO SALES.



OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NM 87410
(505 334-6178 FAX: (505) 334-6170
<http://www.emnrd.state.nm.us/ocd/>

(Submit 2 copies to above address)

Property Name ARNAUD A 003S Location: Unit J Section 20 Township 32 Range 9
(Well Name and Number)

Pressure (Shut-in or Producing)	Tubing	110	Intermediate		Casing	150	Bradenhead	0
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OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

<u>Time</u>	Bradenhead			Intermediate			Bradenhead	Intermediate
	BH Blowdown	Casing Monitor	Intermediate Monitor	Intermediate Blowdown	Casing Monitor		Flowed	Flowed
5 minutes						Steady Flow		
10 minutes						Surges		
15 minutes						Down to Nothing		
20 minutes						No Flow	X	
25 minutes						Gas		
30 minutes						Gas and Water		
5 minute SI	0					Water		

If bradenhead flowed water, check all of the descriptions that apply below:

Clear Fresh Salty Sulfur Black

REMARKS:

By James Simpson Witness

NMOCD Test Area: A