

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

RECEIVED

5. Lease Serial No.

NMSF 078513

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

070 Farmington, NM

8. Lease Name and Well No.

Arnaud A 2S

9. API Well No.

30-045-31432

10. Field and Pool, or Exploratory

Fruitland Coal

11. Sec., T., R., M., on Block and Survey or Area 17 T32N R9W

12. County or Parish

San Juan

13. State

NM

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

6872 GL

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other

2. Name of Operator

BP America Production Company

3. Address

P.O. Box 3092 Houston TX 77253-3092

3a. Phone No. (include area code)

281-366-4081

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2065' FNL 1670' FWL

At top prod. interval reported below

At total depth

14. Date Spudded

7-3-03

15. Date T.D. Reached

7-7-03

16. Date Completed

D & B Ready to Prod

7-10-03

18. Total Depth: MD 3877
TVD19. Plug Back T.D.: MD 3877
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

mud log only

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☒ No ☐ Yes (Submit copy)

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 1/4"	9 5/8" 11"	32.3		136'		111 Ck G1-4b		Surface	
9 5/8"	7" 8	20.23		3210'		325+90 Ck G		800'	

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 7/8"	3694'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	3280'	3608'	3280' - 3608'	0.00	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 Frac

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
-	7-10-03	3	→	1	2245	1			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"	N/A	145	→					S.I. w/o Pig	

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)

NMOCD

JUL 29 2003

FARMINGTON FIELD OFFICE

Jre

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.)

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	2135'
				Kirtland	2273'
				Fruitland Coal	3340'
				Pictured Cliffs	3608'

32. Additional remarks (include plugging procedure):

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:

34.1 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 Hlava

Title Regulatory Analyst

Signature Cherry Hlava

Date 7-18-03

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.

ARNAUD A 2S
NEW DRILLING WELL COMPLETION
30-045-31432

7/8/03 TIH w/UNDER-REAMER, CCLS & DP TO 3297'. BREAK CIRC w/AIR & MIST. 2 GAL SOAP PER 20 B.W. GOOD CIRC & OPEN UNDER-REAMER. UNDER-REAM 6 1/4" HOLE TO 12" HOLE 3297' TO 3454'.

7/9/03 UNDER-REAMER 3454' TO 3722'. UNDER-REAMER THROUGH CSG SHOE. TOH w/EQUIPMENT. TIH w/BIT, CCLS & DP. C/O w/1800 CFM AIR & 2 gal SOAP & 20b.w. TAG FILL @3717'. TOH & FLW WELL NATURALLY. TIH & TAG FILL 3860'. CIRC CLEAN.

7/10/03 BLOW DRY. FLW TST THROUGH 3/4 CHK. INITIAL SIP 500#. OPEN TO PIT @ 6:00. WELL PRESSURE DROPPED TO 145# @ 08:30. 2319 MCF. SI. BLED OFF PRESSURE. BLW DN. TIH & LANDED TBG @ 3694'. NDBOP. RD. RIG RELEASED @ 24:00.