

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 2002**

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. JIC110		
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 JICARILLA APACHE		
2. Name of Operator AMOCO PRODUCTION COMPANY			7. Unit or CA Agreement Name and No.		
3. Address    200 AMOCO COURT FARMINGTON, NM 87401			8. Lease Name and Well No. JICARILLA A 2		
3a. Phone No. (include area code) Ph: 281.366.4081			9. API Well No. 30-039-08136-00-C2		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 18 T26N R5W Mer NMP At surface    NWNE 790FNL 1850FEL  At top prod interval reported below  At total depth			10. Field and Pool, or Exploratory <del>BLANCO</del> <b>Blanco MV</b>		
			11. Sec., T., R., M., or Block and Survey or Area    Sec 18 T26N R5W Mer NMP		
			12. County or Parish RIO ARRIBA		
			13. State NM		
14. Date Spudded 11/04/1964		15. Date T.D. Reached 12/08/1964		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/06/2002	
17. Elevations (DF, KB, RT, GL)* 6678 GL					
18. Total Depth:    MD    7745 TVD    50		19. Plug Back T.D.:    MD    7670 TVD		20. Depth Bridge Plug Set:    MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GRCBL			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	8.625	36.0		444		225			
7.875	5.500	16.0		7749		635			

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	7609							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4920	5550	4920 TO 5160	3.130	30	
B)			5234 TO 5550	3.130	32	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4920 TO 5160	FRAC MV W/500 GALS 15% HCL & 78,125# 16/30 BRADY S
5234 TO 5550	FRAC MV W/500 GALS 15% HCL & 81,500# 16/30 BRADY S

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
09/07/2002	09/30/2002	24	→	7.0	1.0	1.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4"		330.0	→					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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #14342 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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.)  
NO MEASURABLE GAS

## 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
SAN JOSE	0	1350	sandstone, mudstone	DAKOTA	
NACIMIENTO	1350	2840	sandstone, mudstone	PICTURED CLIFFS	3170
OJO ALAMO	2840	3170	sandstone	MESAVERDE	4860
PICTURED CLIFFS	3170	4860	sandstone	GALLUP	6450
MESAVERDE	4860		sandstones, mudstones	TOCITO	6890
				MORRISON	7640

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

On 7/17/01 BP America Production Company requested permission to complete the subject well into the Blanco Mesaverde and commingle production downhole with the existing Basin Dakota Pool. Request was granted 7/20/01.

New perms added in Mesaverde and all CIBPs have been drilled out. Well is capable of downhole commingling.

DHC 476AZ

## 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 #14342 Verified by the BLM Well Information System.  
For AMOCO PRODUCTION COMPANY, sent to the Rio Puerco  
Committed to AFMSS for processing by Angie Medina-Jones on 09/19/2002 (02AMJ0708SE)

Name (please print) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 09/18/2002

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.

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

**JICARILLA A 2**  
**DOWNHOLE COMMINGLING SUBSEQUENT REPORT**  
**09/18/2002**

**Add perfs in Mesaverde and DHC with existing Dakota**

**8/19/02** Rig Up, spot equipment, record pressures; 480# tbg; 5500# csg 0# BH. NDWH & NU BOP & Floor. TOH w/ 2 1/16" tbg. SI SD FN.

**8/21/02** take readings csg 450# bh 0#. TIH to 5752' JHA TOH. SI SD FN.

**8/22/02** RU TIH w/CIBP & set @ 5700'. RIH w/GR & CBL ; TOH. TST CIBP & csg to 2500 psi. 15 min, held good. TIH w/ 3.125" gun & perf MV 5234' – 5550 w/2 JSPF. RD SDFN.

**8/23/02** MIRU & frac MV w/500 gals of 15% hcl acid, followed w/81,500# 16/30 Brady Sand' Pmp w/70% nitrogen foam. RI wireline; TIH & set CIBP @5200'. TIH w/3.125" gun & perf MV 4920' – 5160' w/2 JSPF; RU & frac MV w/500 galls of 15% HCL acid, followed w/78,125# 16/30 Brady Sand. Pmp w/70% nitrogen foam. RD frac equipment. Open well on 1/4" ck. Flw @ 1550 psi. making heavy sand, water & foam.

**8/24/02** Well making heavy foam, gel flugging, med. Sand.

**8/25/02** Flow well to cleaning out.

**8/26/02** Flow well & clean out to CIBP @5200' Open on 1/2" ck. Well died in 10 min.

**8/27/02** Cleaning out well.

**8/28/02** TBG 225 PSI; CSG 350 PSI. Mill out CIBP @5200'. TIH tag fill @ 5578'. C/O to 5700'. SDFN.

**8/29/02** TIH & mill out CIBP @5700'. SDFN.

**8/30/02** Tbg 660 psi, csg 620 psi. TIH & C/O to 7627'. Plumb in flw line to tbging; flw to tnk thru tbg, (5 psi) csg 100 psi. 7 bbls condensate. SDFN.

**9/3/02** TIH & tag up @7627'. RU swivel, break circul. W/air mist. Mill on junk. SDFN.

**9/5/02** RU & mill on junk, made 2'. TOH & LD mill. SDFN.

**9/6/02** Tbg 30 psi. csg 720 psi. Blw well down. TIH & land tbg @7609'. RD flr, tongs, ND BOPS< NUWH. Set tbg stop @7582'. Clean location. Release Rig.