

District I - (505) 393-6161  
1625 N. French Dr, Hobbs, NM 88240  
District II - (505) 748-1283  
1301 W. Grand Avenue, Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV - (505) 476-3440  
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources Department

Form C-140

Revised 06/99

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505  
(505) 476-3440

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

APPLICATION FOR  
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address BP America Production Company P.O. Box 3092 Attn: Cherry Hlava Houston, TX 77253						OGRID Number 000778		
Contact Party Cherry Hlava						Phone 281-366-4081		
Property Name Jicarilla B				Well Number 5		API Number 30-039-08082		
UL K	Section 21	Township 26N	Range 5W	Feet From The 1695'	North/South Line South	Feet From The 1545'	East/West Line West	County Rio Arriba

II. Workover

Date Workover Commenced: 41/24/2002	Previous Producing Pool(s) (Prior to Workover):  Basin Dakota
Date Workover Completed: 11/08/2002	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of Texas )  
 ) ss.  
County of Harris )  
Cherry Hlava, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Cherry Hlava Title Regulatory Analyst Date August 18, 2003

SUBSCRIBED AND SWORN TO before me this 18th day of August, 2003.

My Commission expires: 11-03-2004 Notary Public Barbara Loney

FOR OIL CONSERVATION DIVISION USE ONLY

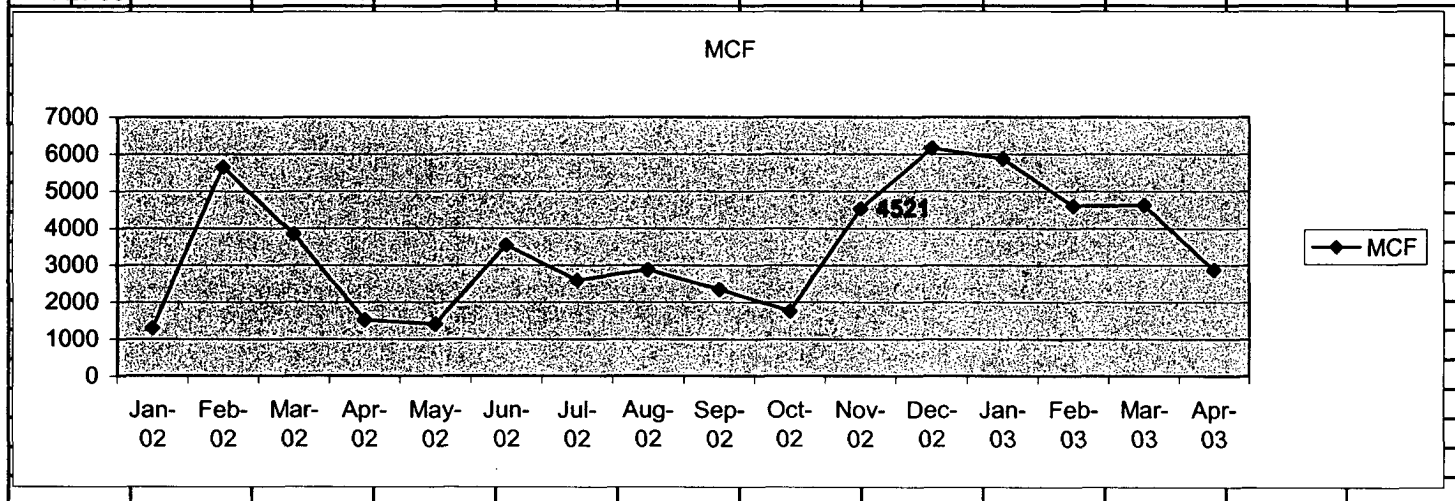
VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 4/8/02.

Signature District Supervisor <u>SSJ</u>	OCD District <u>3</u>	Date <u>9/26/03</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

BP America Production Co.																			
Jicarilla B 5																			
Sec21 T26N R5W																			
API 30-039-08082																			
		DK	MV	TOTAL															
Jan-02		1295	0	1295															
Feb-02		5644	0	5644															
Mar-02		3834	0	3834															
Apr-02		1511	0	1511															
May-02		1407	0	1407															
Jun-02		3539	0	3539															
Jul-02		2593	0	2593	Average Prior to DHC = 2680 MCF														
Aug-02		2877	0	2877															
Sep-02		2347	0	2347															
Oct-02		1755	0	1755															
Nov-02		413	4108	4521	DHC Began														
Dec-02		167	5989	6156															
Jan-03		535	5336	5871															
Feb-03		400	4195	4595															
Mar-03		401	4208	4609	Average After DHC = 4770 MCF														
Apr-03		426	2440	2866															



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.  
JIC109

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
JICARILLA APACHE

7. Unit or CA Agreement Name and No.

2. Name of Operator  
AMOCO PRODUCTION COMPANY

Contact: CHERRY HLAVA  
E-Mail: hlavaci@bp.com

8. Lease Name and Well No.  
JICARILLA B 5

3. Address 200 AMOCO COURT  
FARMINGTON, NM 87401

3a. Phone No. (include area code)  
Ph: 281.366.4081

9. API Well No.  
30-039-08082-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 21 T26N R5W Mer NMP  
At surface NESW 1695FSL 1545FWL

10. Field and Pool, or Exploratory  
BASSIN M ✓

11. Sec., T., R., M., or Block and Survey  
or Area Sec 21 T26N R5W Mer NMP

12. County or Parish  
RIO ARRIBA

13. State  
NM

At top prod interval reported below

At total depth

14. Date Spudded  
04/23/1966

15. Date T.D. Reached  
05/07/1966

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/07/2002

17. Elevations (DF, KB, RT, GL)\*  
6612 GL

18. Total Depth: MD  
TVD 7590

19. Plug Back T.D.: MD  
TVD 7550

20. Depth Bridge Plug Set: MD  
TVD

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

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ 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	20.0		330		140			
7.875	4.500	12.0		7590		705			

**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	7356							

**25. Producing Intervals**

**26. Perforation Record**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4922	5425	4922 TO 5172	3.130	30	
B)			5248 TO 5425	3.130	30	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4922 TO 5172	FRAC W/750 GALS OF 15% HCL ACID, FOLLOWED W/62,695
5248 TO 5425	FRAC W/500 GALS OF 15% HCL ACID, FOLLOWED W/61,336

**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
11/08/2002	11/04/2002	24	→	1.0	100.0	1.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	SI	53.0	→					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 #15961 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.)

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
DAKOTA				DAKOTA PICTURED CLIFFS MESAVERDE	3090 4760

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

On 7/18/01 BP America Production Company requested permission to complete the subject well into the Blanco Mesaverde and commingle production downhole with the existing Basin Dakota. Permission was granted 8/7/01.

This completion is filed to show well is downhole commingling the Dakota & Blanco Mesaverde.

## 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 #15961 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 11/26/2002 (03AMJ0105SE)

Name (please print) CHERRY HLAVATitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 11/20/2002

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 \*\***

## Revisions to Operator-Submitted EC Data for Well Completion #15961

	Operator Submitted	BLM Revised (AFMSS)
Lease:	JIC CONTRACT 109	JIC109
Agreement:		
Operator:	BP AMERICA PRODUCTION COMPANY P.O. BOX 3092 HOUSTON, TX 77253 Ph: 281.366.4081	AMOCO PRODUCTION COMPANY 200 AMOCO COURT FARMINGTON, NM 87401
Admin Contact:	CHERRY HLAVA AUTHORIZED REPRESENTATIVE E-Mail: hlavaci@bp.com  Ph: 281.366.4081 Fx: 281.366.0700	CHERRY HLAVA AUTHORIZED REPRESENTATIVE E-Mail: hlavaci@bp.com  Ph: 281.366.4081 Fx: 281.366.0700
Tech Contact:		
Well Name:	JICARILLA B	JICARILLA B
Number:	5	5
Location:		
State:	NM	NM
County:	RIO ARriba	RIO ARriba
S/T/R:	Sec 21 T26N R05W Mer NMP	Sec 21 T26N R5W Mer NMP
Surf Loc:	NESW 1695FSL 1545FWL	NESW 1695FSL 1545FWL
Field/Pool:	BLANCO MESAVERDE	BASIN
Logs Run:	CBL	CBL
Producing Intervals - Formations:	MESAVERDE	MESAVERDE
Porous Zones:		DAKOTA
Markers:	PICTURED CLIFFS MESAVERDE DAKOTA	DAKOTA PICTURED CLIFFS MESAVERDE

**JICARILLA B 5  
SUBSEQUENT REPORT  
11/13/02**

**10/24/02 SPOT IN RELATED EQUIPMENT**

**10/25/02** LAY FLW LINE TO TNK. TBG 160 PSI, CSG 160 PSI, BH 160 PSI. BLW WELL DN, NDWH, NUBOPs, TIH & TAG BTM @7546'. TOH w/TBG & VISUALLY INSPECT. TIH TO 2900'. SECURE WELL, SDF WEEKEND.

**10/28/02** TBG 80 PSI CSG 210 PSI, BH 210 PSI. BLW WELL DN. FINISH TRIPPING IN HOLE W/CSG SCRAPER TO 5731'. TOH w/BIT & SCRAPER. TIH & **SET CIBP @5600'**. LOAD & ROLL HOLE w/90 bbls 2% KCL WTR & TST CSG TO 2500 psi. HELD 45 MIN. TO SEE IF SECONDARY SEAL WAS LEAKING, HELD GOOD. TOH & LAY DN PKR & SETTING TOOL, SDFN.

**10/29/02** CSG 0 PSI, BH 0 PSI. RD FLR, TONGS & SLIPS, ND BOPs, ND CSG HEAD, CHANGE OUT SEAL, NU NEW WELL HEAD, TST HEAD TO 1600 PSI, HELD FOR 15 MIN. HELD GOOD, NU BOPs, RU FLR, TONGS & SLIPS, SDFN.

**10/30/02 W/O WIRELINE TRUCK.**

**10/31/02** RU & TIH & **RUN CBL** FROM 5500' TO SURFACE. TIH w/3.125" GUN & **PERF MESAVERDE 5248' - 5425'** W/2 JSPF TOTAL OF 30 HOLES. RD. SDFN.

**11/01/02 W/O FRAC CREW**

**11/02/02** RIG UP & FRAC 1<sup>st</sup> STAGE MV w/500 GALS OF 15 % HCL ACID, FOLLOWED w/61,336# 16/30 BRADY SND; PMP w/70% NITROGEN FOAM. STING OUT OF CSG w/ISOLATION TOOL, RU WIRELINE, **TIH & SET CIBP @5204'** & TIH w/3.125" GUN & **PERF MV 4922' - 5172'** w/2 JSPF TOTAL OF 30 HOLES. RD WL, STING INTO CSG WITH ISOLATION TOOL, TST LINES. RU & FRAC 2<sup>nd</sup> STAGE MV w/750 GALS OF 15% HCL ACID, FOLLOWED w/62,695# 16/30 BRADY SAND; PMP 70% NITROGEN FOAM. RD FRAC EQUIPMENT. RU LINE TO FLW BACK TNK. W/1500 PSI ON 1/4" CK. SDF SUNDAY.

**11/04/02** 53 PSI CSG ON 1/2" CK. TESTING OVER NIGHT 20 PSI, TRACE SAND, MEDIUM FLUID, ON 2" LINE.

**11/05/02** PU & MAKE UP MILL & TIH & TAG @5033' PU PWR SWIVEL, BREAK CIRC w/AIR MIST. C/O FILL TO CIBP @5204'. **MIL CIBP**. BLW DN. HANG SWIVEL BACK, TIH & TAG 5557'. TOH TO 4846'. SDFN.

**11/06/02** TBG 0 PSI, CSG 1000 PSI, BH 40 PSI. TIH & TAG @5557'. RU & PWR SWIVEL, BREAK CIRC w/AIR MIST, C/O FILL TO CIBP @5600'. **MILL UP CIBP**. BLW DN. HANG SWIVEL BACK, TIH & TAG @7540'. PU SWIVEL & BREAK CIRC. C/O TO PBTD @7550', CIRC HOLE CLEAN. TOH TO 7115", LET WELL FLW THRU 2" LINE @12 PSI, **425 MCF**, SDFN.

**11/07/02** TBG 0 PSI, CSG 480 PSI, BH 28 PSI. TIH & TAG @7547'. NO FILL. TOH W/TBG, MILL & X-OVER. PU BHA & TIH w/TBG. TST TBG TO 500 PSI, HELD 15 MIN. GOOD TEST. RU SWAB TOOLS, SWAB TBG DN, FISH STANDING VALVE, **LND TBG @ 7356'**. NDBOP NUWH. SDFN.

**11/08/02 RDMO LOCATION.**

*Per 2/10/02  
372-28  
10-11-02*