<u>District I</u> - (505) 393-6161 1625 N. French Dr, Hobbs, NM 88240 <u>District II</u> - (505) 748-1283 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> - (505) 334-6178 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> - (505) 476-3440

1220 S. St. Francis Dr., Santa Fe, NM 87505

## Energy Minerals and Natural Resources Department

Form C-140 Revised 06/99

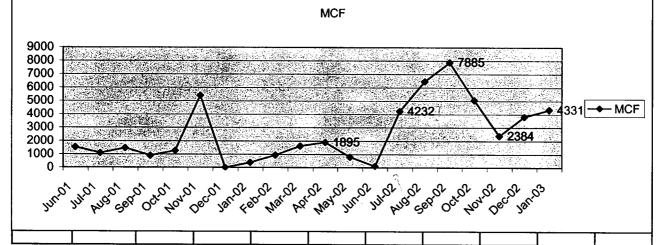
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 (505) 476-3440

SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

APPLICATION FOR WELL WORKOVER PROJECT

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				P.O.	Box 3092 Attn: 0	Cherry Hlava					000778
					Houston, TX 7						
C	ontact Pa	arty								Phone	
					Cherry Hlav	a					281-366-4081
P	roperty N	lame						Well Numb	ber	API Numi	per
<u> </u>					carilla A			7E			30-039-22896
ļ۷								From The		Vest Line	County
	1. 2.1. 01. 1101.							1000	<u> </u>	Vest	San Juan
<u> </u>	. Workover  Date Workover Commenced: Previous Producing Pool(s) (Prior to Workover):										
٦٢		(over  6/17/2		i: Previo	ous Producing Pool(s	s) (Prior to Workover)	):				
┢			Completed:	-				Basin Dak	nta		
١٦		7/09/2						Dasili Dak	ota		
III.				on of the	- Workover Proc	edures performe	od to ir	2010000 01	odustic		
IV.	ΔH	tach	a accompli	on declir	se curve or table	chowing at least	twolv	o months	of prod	JII. Luction no	ior to the workover and at least
٠.	thr	ree m	a production	vroductic	n following the v	vorkover reflectin	COSIO	e monus seitivo pro	or prou	inction pr	ior to the workover and at least
V.	ΔF	FID	AVIT:	noductic	in lollowing the v	AOLVOACI LEHECIH	iy a po	ositive pro	uuction	increase	<del>)</del> .
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1		Cour	nty of	Harris	) 55. \						
1			erry Hiava	Idilia	boing first d	uly sworn, upon o	anth of	otoo:			
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느											
FOF					N USE ONLY:						
VI.	CE	ERTI	FICATION	OF API	PROVAL:						
						he above-referer	iced w	ell is desi	anated	a Well W	Vorkover Project and the Division
	he	reby	verifies th	e data s	hows a positive	production increa	se. B	v copy he	reof. th	e Divisio	n notifies the Secretary of the
	Ta	exatio	on and Rev	renue De	epartment of this	Approval and ce	ertifies	that this V	Λell W	orkover F	Project was completed on
	0	<u>7-0</u>	9, 200.	2		• •					, , , , , , , , , , , , , , , , , , ,
S	gnature	Distric	t Supervisor			OCD Distri	ict		Date	;	
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Jicarilla A 7	'E	BP AMERI	CA PRODU	CTION CC	MPANY				1	
30-045-2289	6									
SEC. 17 T 20	6N R 5W									
		MCF	MCF						1	
	Date	DK	MV	TOTAL						
	Jun-01	1522		1522						
	Jul-01	1086		1086				Ī		
	Aug-01	1455		1455						
	Sep-01	888		888						
	Oct-01	1254		1254						
	Nov-01	5404		5404						
	Dec-01	0		0						
	Jan-02	383		383				1		1
	Feb-02	938		938						
	Mar-02			1611						
	Apr-02			1895						
	May-02			795						
	Jun-02	112		112					-	
	Jul-02	1258	2974	4232	Downhole	Comming	ing MV & I	OK 7/11/02		
	Aug-02	1722	4739	6461				1		
	Sep-02		6223	7885						1
	Oct-02	1727	3327	5054					1	
	Nov-02	1699	685	2384						
	Dec-02	1672	2134	3806						
	Jan-03	3086	1245	4331			i			



Form 3160-4 (August 1999)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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

	WELL	COMPL	ETION (	OR RE	COMF	LETI	ON R	EPOR	T AND I	_OG			case Serial IIC APACI		0
1a. Type of Well Oit Well S Gas Well Dry Other											6. I	6. If Indian, Allottee or Tribe Name JICARILLA A			
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other										7. Unit or CA Agreement Name and No.					
2. Name o BP AM	f Operator IERICA PRO	ОПООТО	N COMPA	NY	Co			Y HLAV	/A ∂bp.com			8. L	caso Name	and W	'ell No.
3. Address	3. Address P.O. BOX 3092														
4. Location	4. Location of Well (Report location clearly and in accordance with Federal requirements)*  10. Field and Pool, or Exploratory														
At surf	At surface NWNW 940FNL 1000FWL BLANCO MESAVERDE  11. Sec., T., R., M., or Block and Survey														
At top 1	At top prod interval reported below or Area Sec 17 T26N R5W Mer NMP														
At total	At total depth 12. County or Parish RIO ARRIBA NM														
	14. Date Spudded 08/03/1982 15. Date T.D. Reached 08/03/1982 16. Date Completed 17. Elevations (DF, KB, RT, GL)* 6638 GL 07/08/2002												B, RT, GL)*		
18. Total I	Depth:	MD TVD	7650		19. Plu	g Back	T.D.:	MD TVD	76	18	20. De	pth Br	dge Plug S		MD TVD
21. Type E GR & C	llectric & Oth CCL	er Mechar	ical Logs R	un (Subr	nit copy	of each	)			Was	well core DST run? ctional Su	)	No No No	Ye	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	t all strings	set in w	ell)					240	octobal ou		2110		s (buomit analysis)
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD		Bottom (MD)		Cement Depth		No. of Sks. & Type of Cement		y Vol.   Cement :		Гор*	Amount Pulled
12.250	1	9.625	36.0			30			-	225				0	
8.750	<del> </del>	4.500	12.0	<u> </u>		765	3	12		127		0			
								- "							
	<u> </u>								<b>_</b>						
24. Tubing	Record			L				**	<u> </u>	<del></del>					
	Depth Set (M	ID) Pa	cker Denth	(MD)	Size .	Dep	th Set ()	MD)	Packer De	oth (MD)	Size	De	oth Set (M)	D)	Packer Deoth (MD)
	ng Intervals	1-1001				26	. Perfor	ation Re	cord		<u> </u>	1			
	ormation		Too		Botton	4	F	erforate	d Interval		Size		Vo. Holes		Perf. Status
A) BLANC	O MESAVE	RDE		4908	5	510			4908 TO 5510 3.1				30 60		
_C)						_			``			╅			
D)															
	racture, Treat		ent Squeeze	e, Etc.					· · · · · · · · · · · · · · · · · · ·						
	Depth Interva		10 NITROG	FN FRAC	C W/816	OUET	M2- 80 0		Amount and	Type of I	<u>/laterial</u>				
			40 NITROG												
·28, Product	ion - Interval	A	<u> </u>												
Date First Produced	Test	Hours	Test	OII	Gas	- [	Water		Gravity	Ges		Product	ion Method		
07/11/2002	Date Tested Production BBL MCF BBL 02 07/12/2002 24 1.0 209.0		1.0	- 1			Gravity		OTHER						
Choke Size	24 Hr. Raic	OÜ BBL	Gas MCF		Water BBL	ster Cas:Oil		Well !	Well Status						
OPEN	sı	Press. 487.0							 		PGW				
	tion - Interva	I B Hours		03	Ta		Wasa	10	Q			n_ 1 · ·	ion 1444 - 3		DEORRECORD
Date First Produced	Test Production	OI BBL	Gas MCF		Water BBL		Gravity r. API	Gas Gravi	Ŋ	Production Method EPTED FOR RECORD			ا مورد کوال		
Choke Size	Thg. Press. Flwg.	Cag. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Clas Rati	EO:	Well:	itatus		<u> </u>		725 2002 pul

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #12965 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\* ORIGINAL \*\*\*

Produced Dete Tested Production BBL MCF BBL Corr. AFI Gravity  Tog. Press. Press. Press. Rare BBL MCF BBL Ges.Oil Ratio  28c. Production - Interval D  Date First Production Date Production BBL MCF BBL Corr. AFI Gravity  Test Hours Production BBL MCF BBL Corr. AFI Gravity  Choke Tg. Press. Cg. 24 Hr. Oil BBL MCF BBL Corr. AFI Gravity  The First Press. Rate BBL MCF BBL Corr. AFI Gravity  Size Five Press. Rate BBL MCF BBL Ratio  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.															
The both cases are presented in the control of the	28b. Produ	ction - Interv	al C												
The late of the la	Date First Produced										Production Method		:		
The protection of Top   Production   The protection   T	Choke Size	Flwg.	Cag. Press.						Well Status	<u> </u>					
The bear of the property of th	28c. Produc	tion - Interva	al D			<b>.</b>	<del></del>	<u> </u>	<u> </u>						
29. Disposition of GrayCold, used for fuel, west, etc.	Date First Produced									Production Method					
SOLD  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of ponosity and construct thereof: Cored intervals and all drill-stem tests, including depth interval tested, evaluiou used, time tool open, flowing and shut in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Bottom  Descriptions, Contents, etc.  Name  Top  GERTLAND  STR BOTT  GERTLAND  STR BOTT  STR BOTT  STR BOTT  STR BOTT  AND  STR BOTT  STR BOTT  AND  STR BOTT  AND  STR BOTT  AND  STR BOTT  A. Directional Survey  The Descriptions of Porous Zones (Include Aquifers):  On 87/2201 BP America requested permission from NMCCD to DHC MV & DK. Permission was granted 89/2201. Permission granted from BLM on 8/1501.  Str Carlos Str Car	Choke Size	Flwg.							Well Status	Status					
Show all important zones of genosity and coulevits thereof: Corod intervals and all drill-store tests, including depth interval tested, cushion used, time isol open, flowing and strut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. Depth CLO ALAMO STRILAND Struth CLO ALAMO FRUITLAND Store Struth CLO ALAMO FRUITLAND Store Struth CLO ALAMO FRUITLAND Store	29. Disposi SOLD	tion of Gas(S	old, used j	for fuel, vent	ed, etc.)		<u> </u>								
32. Additional remarks (include plugging procedure):  On 8/7/2001 BP America requested permission from NMOCD to DHC MV & DK. Permission was granted 8/9/2001. Permission granted from BLM on 8/15/01.  Well commingled DK and Blanco Messaverde per DHC-504AZ 7/11/02. Please see attached completion report.  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (I fall set req'd.)  2. Goologic Report  3. DST Report  4. Directional Survey  5. Sundry Notice for phugging and cement verification  6. Core Analysis  7. Other:  34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #12965 Verified by the BLM Well Information System.  For BF AMERICA FRODUCTION COMPANY, sent to the Rio Puerco  Committed to AFMSS for processing by Angle Medina-Jones on #725/2092 O  Name (please print) CHERRY HLAVA  Title AUTHORIZED REPRESENTATIVE  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingsty and willfully to make to any department of early and of the department of early and to serve the any department of early and to department of early and the department of early and the foregoing and of the 43 U.S.C. Section 1212, make it a crime for any person knowingsty and willfully to make to any department of early and the foregoing and to any department of early and the foregoing and of the 43 U.S.C. Section 1212, make it a crime for any person knowingsty and willfully to make to any department of early and the foregoing and any person knowingsty and willfully to make to any department of early and the foregoing and any foregoing any foregoing and any foregoing and any foregoing and any foregoing	Show al tests, in	l important z	ones of no	omeity and or	ntents there	of: Cored in e tool open,	tervals and a flowing and s	ll drill-stem shut-in pres	sures	31. Год	nation (Log) Mark	CITS .			
32. Additional remarks (include plugging procedure):  On 37/2001 BP America requested permission from NMOCD to DHC MV & DK. Permission was granted 8/9/2001. Permission granted from BLM on 8/15/01.  Well committed 10/9/2001 PP Permission granted from BLM on 8/15/01.  Well committed 10/9/2001. Permission granted from BLM on 8/15/01.  33. Circle exclosed attachments:  i. Electrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #12965 Varified by the BLM Well Information System.  For BP AMERICA, PRODUCTION COMPANY, sent to the Rise Percero.  Occumitted to AFMISS for processing by Angle Medina-Jenes on 9/15/2002 0  Name (please print) CHERRY HLAVA  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 of early and control of any person knowingly and willfully to make to any department of early and control of any person knowingly and willfully to make to any department of early and of the department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and willfully to make to any department of early and will any and any and any and any and any	F	ormation		Тор	Bottom		Description	s, Contents,	etc.		Name		Top Meas. Depth		
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 #12965 Verified by the BLM Well Information System.  For BP AMERICA PRODUCTION COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by Angle Medina-Jones on 07/25/2002 ()  Name (please print) CHERRY HLAVA  Title AUTHORIZED REPRESENTATIVE  Signature (Electronic Submission)  Date 07/23/2002  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 of agency	32. Additional remarks (include plugging procedure):  On 8/7/2001 BP America requested permission from NMOCD to DHC MV & DK. Permission was granted 8/9/2001. Permission granted from BLM on 8/15/01.  Well commingled DK and Blanco Mesaverde per DHC-504AZ 7/11/02.										2740 3030 3159 3290 3692 4839				
Electronic Submission #12965 Verified by the BLM Well Information System.  For BP AMERICA PRODUCTION COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 07/25/2002 ()  Name (please print) CHERRY HLAVA Title AUTHORIZED REPRESENTATIVE  Signature (Electronic Submission)  Date 07/23/2002  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 of agency	1. Elect	rical/Mechan	ical Logs		•			-		-	ort	4. Direction	al Survey		
For BP AMERICA PRODUCTION COMPANY, sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 07/25/2002 ()  Name (please print) CHERRY HLAVA  Title AUTHORIZED REPRESENTATIVE  Signature (Electronic Submission)  Date 07/23/2002  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 of agency	34. I hereby	certify that t	he foregoi	ng and attacl	hed informa	tion is comp	lete and com	ect as deterr	nined fron	n all available	records (see attach	ed instruction	ns):		
Signature (Electronic Submission)  Date 07/23/2002  ACCEPTED FOR RECORD ONLY  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 of agreedy				For	BP AMER	rica proi	DUCTION C	OMPANY	, sent to t	he Rio Puerc	0				
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 of agency	Name(p	lease print) <u>(</u>	CHERRY	HLAVA	<del></del>		<del></del>	Title	AUTHO	RIZED REP					
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 of agency	Signatur	re(	Electroni	ic Submissio	on)		-	Date	e <u>07/23/2</u>	002	ACCE	PTEDFO	RECORL		
	Title 18 U.S of the Unite	.C. Section I	001 and 7 false, ficti	Fitle 43 U.S. tious or frad	C. Section 1: ulent statem	212, make it ents or repre	a crime for a sentations as	any person ) to any matt	knowingly ter within i	and willfully its jurisdiction	to make to any dep	and the contract of the			

## Jicarilla A 7E RECOMPLETION SUBSEQUENT REPORT 7/23/2002

6/17/02 MIRU SU pmp 20 bbls to kill well. NDWH NUBOP. SD SI FN.

6/18/02 TOH w/2 3/8" tbg. TiH w/scraper to 5790'. TOH. RU and run GR/CCL log.

6/19/02 TIH w/CIBP & set @5700'. TOH w/setting tool; press test csg to 1850#. Good Test. TOH w/tools. SI SD FN.

6/20/02 TIH w/3.125" gun & perf Blanco Mesaverde formation from 5278' – 5510' w/2 JSPF total of 28 shots. Frac w/816 qu ft N2 and 80,000# sand. TIH & set CIBP @ 5240'. TOH. TIH w/3.125" gun & perf Blanco Mesaverde formation from 4908' – 5240' w/2 JSPF total of 32 shots. Frac w/932 qu ft N2 & 88,000# sand. Flw on  $\frac{1}{4}$ " ck.

6/21/02 Flw test.

6/22/02 TIH to 5015' tag sand; clean to 5118'. TOH to 4642'

6/25/02 TIH tag fill @ 5100'. C/O to CIBP @ 5240'. Mill on CIBP blw well. TIH to 5573'. TOH to 4750' SI SD FN.

6/26/02 TIH & tag fill @ 5502'. Clean to 5700'. Pull above perfs. SI SD FN.

6/27/02 Mill on junk & CIBP. Clean out to 7497'. Pull above perfs. SI SD FN.

6/28/02 TIH to 7491'. Rig up power swivel clean to 7604'. Pull up to 4750'.

7/1/02 TIH tag at 7604'. Clean out to 7618'. TOH lay down D.C. & mill. SISD FN.

7/2/02 Record press tbg 240#/ csg 740#. TIH brouch tbg. press tst tbg to 500# tst good. Land tbg @ 7459'. RU wire line & try to pull plug.

7/3/02 RU slick line. Try to pull plug w/slick line. Couldn't. Rig up & swab. Rig DN; RU wire line. Attempt to pull plug. Couldn't. SI SD FN.

7/5/02 Rig up & pull 45 stds tbg out of hole.

7/8/02 TOH w/ tbg replace plug. TIH w/new plug. Land tbg @ 7459'. RU wire line pull plug set stop @ 7437', Rig down wire line.

7/9/02 Clean pit; load equip. RD flw back tank rig down service unit.