	District I - (505) 393-6161 1625 N. French Dr. Hobbs, NM 88240	Energy Mir	nerals and Natur	ral Resources I	Department	Form C-140 Revised 06/99
1	<u>District II</u> - (505) 748-1283 1301 W. Grand Avenue, Artesia, NM 88210		Oil Conservat	ion Division		
	<u>District 111</u> - (505) 334-6178 1000 Rio Brazos Road, Aztec, NM 87410					SUBMIT ORIGINAL
District IV - (505) 476-3440						PLUS 2 COPIES TO APPROPRIATE
	1220 S. St. Francis Dr., Santa Fe, NM 87505		-	A	题到123人	DISTRICT OFFICE
			(505) 47	6-3440	A 83	λ
				per la	JUN SS O	F.C.
			<u>APPLICAT</u>		2005	
			WELL WORKON	<u>/ER PROJECT</u>		ŏ
	Operator and Mall			ليمينة الجي. ۲۲ € ۲۲ €	Sp Jap 8	5
Έ	Operator and Well Operator name & address					ymber
	BF	America Productio	on Company		and the second second	, ,
	P.(	), Box 3092 Attn:		- d	2. Caller and	000778
		Houston, TX 7	7253			
1	Contact Party	Mary Corle	v		Phone	281-366-4491
	Property Name	mary come	<u> </u>	Well Numb	er API Numb	
		Warren LS		5_		30-045-13253
	UL Section Township Range		North/South Line	Feet From The	East/West Line East	County
ـــــ ۱۱.	G 24 28N 09W Workover	1850	North	1750	<u>Caşı</u>	San Juan
		ious Producing Pool	s) (Prior to Workover	):		
	05/18/2004		A = 4	Distanced Oliffic 8 D		
	Date Workover Completed:		Aziec	Pictured Cliffs & B	ilanco mesaverde	
Ш.	06/08/2004 Attach a description of t		cedures performe	d to increase or	oduction	
N.						ior to the workover and at least
	three months of product					
V <u>.</u>	AFFIDAVIT:		·····	<u> </u>		
	State of <u>Texas</u>	)				
		) ຣຣ.				
	County of <u>Harris</u> Mary Corley	being first du	ıly sworn, upon o	ath states:		
		rator, or authorize	ed representative	of the Operator.	of the above-re	ferenced Well
1	2. I have made,	or caused to be r	nade, a diligent s	earch of the pro	duction records	reasonably available for this
ł	Well.					-
				nd the data used	to prepare the	production curve and/or table
	for this Well a	ire complete and	accurate.			
	Signature	Ösley	Title Seni	or Regulatory Ana	l <mark>yst</mark> Da	te <u>June 2, 2005</u>
	SUBSCRIBED AND SWORN	TO before me th	is day of	<u>June , 2(</u>	005	
	1	LIND	A J. BERRY			
ļ		Notary Pu My Co	blic, State of Tenetary	Public	10	
	My Commission expires:	Febr	uary 28, 2007	_		
					Juda	J. Hury
FC	OR OIL CONSERVATION DIVISI	ON USE ONLY:				
VI						·
	This Application is here	by approved and	the above-refere	nced well is desi	gnated a Well V	Vorkover Project and the Division
	Tavation and Revenue I	snows a positive	production increa	ase. By copy he	reot, the Divisio	n notifies the Secretary of the Project was completed on
	6-8, 2004	separation un		61 unes 11 di 1115 1		-roject was completed on
_						
Γ	Signature District Supervisor		OCD Dist		Date	
1	Charle Nem.		AZ	tEC II	106.02	-2005
						<u> </u>

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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

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• Form 3160-4				UNI	TED	STATI	-8						ļ		FO	RM APP	ROVED
(August 1999)			DEPAR BUREAU	TMEN	IT O	F THE	INTE										004-0137 ber 30, 2000
	WELL C	OMPL	ETION O	RR	ECO	MPLE	ΤΙΟ	N RE	PORT	AND L	.OG				ase Serial 1 MSF - 077		
la. Type of	Well	Oil Well	🛛 Gas V	Vell		Dry	0.0	her				_		6. If	Indian, All	ottee or	Tribe Name
b. Type of	Completion	_	ew Well		ork Ov	/cr (		;pen	Plug	Back	🛛 Dif	f, Re		7. Ür	uit or CA A	greeme	ent Name and No.
2. Name of BP AME	Operator ERICA PRO	DUCTIO		4Y		Contac		RY CC	RLEY	bp.com					ase Name ARREN L		ll No.
3. Address	P.O. BOX HOUSTO	3092 N, TX 77	253					3a. I Ph:	Phone No 281.366	. (include .4491	e area co	dc)		9. Al	PI Well No		30-045-13253
4. Location	of Well (Rep Sec 24	T28N R	on clearly an 9W Mer NM	id in ac IP	corda	nce with	1 Fede	ral requ	irements)	*		••			ield and Po TERO CH		Exploratory
At surfa			L 1750FEL										ľ	11. S	cc., T., R.,	M., or	Block and Survey 28N R9W Mer NMF
At top p	rod interval r	eported be	elow										F	12, 0	County or P	arish	13. State
At total of 14. Date Sp		······	15 D	ate T.D	Roo			<u> </u>	16. Date	Complet					AN JUAN		NM 3, RT, GL)*
03/11/1	957 		03	/24/19	57				D & . 06/08	A 🛛 🔀	Ready t				59	06 GL	
18. Total D	epth:	MD TVD	4704		19.	Plug B	ack T.	D.:	MD TVD	46	60		20. Dept	h Brie	dge Plug S		MD TVD
21. Type El CBL	lectric & Oth	er Mechan	nical Logs R	un (Sul	bmit c	opy of (	each)				W	as D	ell cored ST run? onal Surv		🛛 No	Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing an	d Liner Reco	ord (Repo	rt all strings	set in	well)					/ <u></u>							······································
Hole Size	Size/G		Wt. (#/ft.)	1	op ID)	Bott (M	D)	-	Cementer epth		of Sks. &	nt_	Slurty (BBI		Cement		Amount Pulled
<u>13.500</u> 8.750		750 SW 325 J-55	<u>32.7</u> 26.0		(		<u>171</u> 2420	┞───				150 250				0 810	
7.000		500 J-55	15.5		2349		4704	┠━┄─				300				3900	<del></del>
	┠╴────							}									
24. Tubing	Record																
	Depth Set (N		acker Depth	( <u>MD</u> )	<u>s</u>	ize _	Dept	h <u>S</u> et (N	<u>1D) P</u>	acker De	pth (MI	ッ十	Size	Do	pth Set (M	<u>D)</u>	Packer Depth (MD)
2.375 25. Produci		4540			<u> </u>		26.	Perfora	tion Reco	rd				L			·
Fo	ormation		Тор		В	ottom		P	erforated	Interval		Τ_	Size	1	No. Holes		Perf. Status
<u>A)</u>	CHA			3180		337	3			<u>3180 T</u>	<u>O 3373</u>	4-	0.30	0	60	<u>-</u>	
<u>B)</u> C)		<u> </u>					╌┼╌╸	<u> </u>	<u> </u>		<u>.</u>	╉─		+			
)							1					1_				1-	
	racture, Treat		nent Squeez	e, Etc.													
	Depth Interva		373 256,500	1# 16/3			JD 70			mount an & N2	d Type of	of M	aterial				
		00100	37.5 2.00,000		0.010		10,10	dor ton							<u>.</u>		
	· · · · · · · · · · · · · · · · · · ·																
28. Product	ion - Interval	A				<u> </u>			<u></u>	<u> </u>	<u></u>		<u> </u>				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF		Water BBL	Oil G Corr.			as	7	Product	ion Method		···,
06/01/2004	06/03/2004	12		1	.0	1200		1.0	Corr.	API	ſ	ravity			FLO	WS FR	OM WELL
Choke Size	Tbg. Press. Flwg. 0	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF		Water BBL	Gas:O Ratio	ы ы	- "	/ell St	atus				
3/4	Si	70.0		1		<u> </u>						P	GW				
28a. Produc Date First	tion - Interva	Hours	Test	Oil	<u> </u>	Gas	;	Water	Oil G	avity	]g	as	— т	Product	ion Method	•	
Produced	Date	Tested	Production	BBL		MCF		BBL	Corr.	API	]G	ravity					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF		Water BBL	Gas:C Ratio	H]	Ň	/ell Su	atus				
(See Instruct	ions and spa	ces for ad	ditional data	onrev	erse	ide)			<u> </u>							· · · · · ·	

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(See Instructions and spaces for dualitional data on reverse state) ELECTRONIC SUBMISSION #31795 VERIFIED BY THE BLM WELL INFORMATION SYSTEM \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

200. FIQUU	ction - Interv	al C									
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method	
roduced	Date	Tested	Production	BBL	MCF	BBL.	Corr. API	Grav	ity.		
hoke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Well	Status	· · · · ·	
ize	Flwg. Sl	Press.	Rate	BBL	MCF	BBL	Ratio				
28c. Produ	ction - Interv	al D	Land Land	<u> </u>							
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method	<u> </u>
roduced .	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Grav	ity		
choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Well	Status	·	
ize	Flwg. Sl	Press.	Rate	BBL	MCF	. BBL	Ratio ·	•			
29. Dispos		Sold, used	for fuel, vent	ed, etc.)				1		<u>.</u>	
		Zones (I	nclude Aquife	rs):	· · · ·				31. Fo	mation (Log) Markers	
	-		-		of Core	d intervals and	all drill-stem		5	inden (Dog) indentit	
tests, ir	ncluding dept	h interval	tested, cushie	on used, time	tool ope	n, flowing and	shut-in pressure	es -	-	•	•.
and rec	coveries.				, .	۰.				,	
			_					• •		······································	Тор
	Formation		Тор	Bottom		Description	ons, Contents, etc	C.		Name	Meas. Dept
				1	1					TURED CLIFFS	2206
• .					-					IACRA IFFHOUSE	3150 3811
		ŀ						•	ME	NEFEE '	3900
							-			NNT LOOKOUT	4440 4600
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32. Additio	onal remarks	(include p	lugging proc	edure):		ant Duarturat					
comm	e see attach ingled with t	he Mesa	verde and P	ictured Clif	uent rep ís.	ort. Producti	on is downhole	-			• •
	•		· .				•				
-										•	,
-						-	-	-			
			·· ·-			-					
33. Circle	enclosed atta	chments.								<u>,</u>	
			s (1 full set re	ea'd.)	,	2. Geologie	Report	3	DST Re	port 4. Directio	onal Survey
	ctrical/Mecha	-				6. Core An			Other:		
I. Elec		n shiggin						,	•		
I. Elec	ctrical/Mecha ndry Notice fo	or pluggin	0								
1. Elec 5. Sun	ndry Notice fo			hed informs	tion is co	molete and co	rrect as determin	ad from al	Lovaitable	records (see attached instructi	
1. Elec 5. Sun	ndry Notice fo		oing and attac							e records (see attached instructi stem.	ions):
1. Elec 5. Sun	ndry Notice fo		oing and attac Elect	ronic Subn	lission #3	1795 Verified	rrect as determined by the BLM W COMPANY, s	/ell Inforn	ation Sy	stem.	ions):
l. Elec 5. Sun 34. I hereb	bdry Notice fo	the foreg	oing and attac Elect Fo	ronic Subn	lission #3	1795 Verified	by the BLM W COMPANY, s	ell Inforn/ ent to the	ation Sy Farming	stem Con	ions):
l. Elec 5. Sun 34. I hereb	ndry Notice fo	the foreg	oing and attac Elect Fo	ronic Subn	lission #3	1795 Verified	by the BLM W COMPANY, s	ell Inforn/ ent to the	ation Sy Farming	stem.	ions):
l. Elec 5. Sun 34. I hereb	bdry Notice fo	the foreg	oing and attac Elect Fo	ronic Subn	lission #3	1795 Verified	by the BLM W COMPANY, s	ell Inforn/ ent to the	ation Sy Farming	stem Con	ions):
l. Elec 5. Sun 34. I hereb	or the second seco	the foreg	oing and attac Elect Fo	ronic Subn r BP AMEI	lission #3	1795 Verified	by the BLM W COMPANY, s Title <u>/</u>	ell Inforn/ ent to the	ation Sy Farming ZED REI	stem Con	ions):
1. Elec 5. Sun 34. I hereb Name (	or the second seco	the foreg	oing and attac Elect Fo CORLEY	ronic Subn r BP AMEI	lission #3	1795 Verified	by the BLM W COMPANY, s Title <u>/</u>	/ell Inforn ent to the AUTHORI	ation Sy Farming ZED REI	stem Con	ions):
<ol> <li>Election</li> <li>Sun</li> <li>I hereb</li> <li>Name (</li> <li>Signation</li> </ol>	y certify that (please print) ure	MARY C	oing and attac Elect Fo CORLEY nic Submiss	ironic Subn r BP AMEI ion)	iission #3 RICA PR	1795 Veriflee ODUCTION	by the BLM W COMPANY, s Title <u>/</u> Date (	/ell Inforn ent to the AUTHORI 06/10/200	nation Sy Farming ZED REF 4	stem Con	

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\*\* ORIGINAL \*\*

WARREN LS530-045-13253BP AMERICA PRODUCTION COMPANYT28NR09WSec 24

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# Year: 2003 Pool Name: AZTEC PICTURED CLIFFS (GAS) Month Oil(BBLS) Gas(MCF) Water(BBI Days Produced)

MORILI		Gas(INCF)	valer(DDI Da	ys Produce
January	0	6599	0	31
February	0	6501	0	28
March	0	6061	0	31
April	0	4893	0	30
May	0	5035	0	31
June	0	3865	0	31
July	0	3714	0	31
August	0	5385	0	31
September	0	4647	0	31
October	0	3992	0	31
November	0	4219	0	30
December	0	4525	0	31

#### Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBI	Days Produced
January	0	326	0	31
February	0	1994	0	28
March	0	1744	20	31
April	22	1647	20	31
May	1	1757	0	31
June	13	1541	20	30
July	. 2	1567	0	31
August	- 5	1592	20	31
September	1	1478	0	29
October	. 7	1474	20	22
November	0	1224	50	30
December	1	1472	0	31

Year:	2004								
Pool Name: AZTEC PICTURED CLIFFS (GAS)									
Month				Days Produced					
January	0	4526	O	31					
February	0	3411	10	9					
March	0	4317	0	1					
April	0	3979	0	30					
May	0	2083	0	17					
June	0	0	0	0					
July	0	24	0	31					
August	0	2918	0	31					
September	0	3972	0	30					
October	0	4136	0	31					
November	0	3989	0	30					
December	0	3566	0	31					

WARREN LS530-045-13253BP AMERICA PRODUCTION COMPANYT28NR09WSec 24

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### Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

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Month	Oil(BBLS)	Gas(MCF)	Water(BBI	Days Produced
January	1	1394	0	31
February	6	1096	10	10
March	1	1143	0	1
April	0	1174	0	30
May	0	620	20	17
June	0	0	0	0
July	0	24	0	1
August	0	815	0	31
September	0	1109	0	30
October	0	1134	0	31
November	0	1094	0	30
December	0	984	0	31

#### Pool Name: OTERO CHACRA (GAS)

Month				<b>D D I</b>	
	UII(DDL3) (	Gas(MCF)	Anatel(RRI	Days Produced	1
January	0	0	0	0	
February	0	0	0	0	
March	0	0	0	0	
April	0	0	0	0	
May	0	0	0	Ó	
June	0	0	0	0	
July	0	0	0	0	
August	0	6305	0	31	
September	. 0	5566	0	30	
October	0	5132	0	31	
November	0	4612	20	30	
December	0	3420	160	31	

Year: Pool Name: A	2005 ZTEC PICTU	JRED CLIF	FS (GAS)	
Month	Oil(BBLS)	Gas(MCF)	Water(BBI	Days Produced
January	0	3391	0	31
February	0	3653	0	28
Pool Name: B				
Month	Oil(BBLS)	Gas(MCF)	Water(BBI	Days Produced
January	0	911	0	31
February	0	988	0	28

## Pool Name: OTERO CHACRA (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBI	Days Produced
January	0	3793	0	31
February	0	3440	25	28

WARREN LS530-045-13253BP AMERICA PRODUCTION COMPANYT28NR09WSec 24

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#### Warren LS 5 Recompletion & Downhole Commingling Subsequent Report 06/10/2004

05/18/2004 MIRUSU.

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Blow down well. NDWH. NU BOPs. Pressure test BOPs to 500 psi. Test Ok. RU, TIH & TOH w/TBG.

TIH w/bit & scraper to PBTD @ 4635'. TOH. TIH w/CIBP & set @ 4400'. Load & circ hole w/4% KCL. Pressure test CSG to 2000#. Test ok. RU & run CBL.

RU & perforate Menefee formation w/ 2 JSPF, .410 inch diameter: (15 shots/ 30 holes): 3980, 3997, 4009, 4011, 4090, 4132, 4150, 4188, 4246, 4251, 4253, 4278, 4300, 4359, 4365'

Spearhead 500 gal 15% HCL, establish injection rate, & fracture stimulate w/99,500# 16/30 Brady Sand, 70 Quality foam & N2. RU & flowback frac thru  $\frac{14}{7}$  for 12 hrs. Upsized to  $\frac{1}{2}$  choke & flowed back 24 hrs. Upsized to  $\frac{34}{7}$  choke & flowed back for 8 hrs.

RU, TIH W/CIBP & set @ 3950'. RU & perforate Chacra formation w/ 4 JSPF, .300 inch diameter: (15 shots/ 60 holes): 3182, 3188, 3193, 3205, 3213, 3289, 3297, 3305, 3311, 3319, 3330, 3341, 3355, 3361, 3373'.

Spearhead 500 gal 15% HCL, establish injection rate, & fracture stimulate w/256,500# 16/30 Brady Sand, 70 Quality foam & N2. RU & flowback frac thru  $\frac{14}{7}$  for 12 hrs. Upsized to  $\frac{1}{2}$  choke & flowed back 8 hrs. Upsized to  $\frac{34}{7}$  choke & flowed back for 12 hrs.

TIH & tag fill @ 3715'. C/O to CIBP set @ 3950'. RU & flow test well for 12 hrs thru <sup>3</sup>/<sub>4</sub>" choke. 1200 MCF Gas, Trace Oil, Trace WTR. FCP 70#. TIH & tag CIBP & DO. TIH & tag fill @ 4390'. C/O fill to CIBP @ 4400' & DO. TIH & tag 0 fill.

TIH w/2-3/8" production TBG & land @ 4540'. Pull plug. RD slickline unit. ND BOPs. NUWH. Test well for air.

06/08/2004 Service unit released @ 18:00 hrs.

Returned well to production - downhole comminging Chacra, Mesaverde & Pictured Cliffs production.