Form ACO-1

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

	Se	ptem	ber	1999
	Form n	nust	be T	yped
UDI		N	Λ	1
URI	U	IV	H	

Operator: License # 5952	API NO. 15- <u>129–21730–0000</u>
Name: BP AMERICA PRODUCTION COMPANY	County MORTON
Address P. O. BOX 3092, WIL1-RM 3.201	NE - NE - SW - SW Sec. 23 Twp. 31 S.R. 40 EX
City/State/Zip HOUSTON, TX 77253-3092	1250' S Feet from S/N (circle one) Line of Section
Purchaser: RECEIVED	1250' W Feet from E/W (circle one) Line of Section
Operator Contact Person: SUE SELLERS OCT 1 2 2004	Footages Calculated from Nearest Outside Section Corner:
Phone (281) 366–2052 KCC WICHIT	(circle one) NE SE NW SW
Contractor: Name: CHEYENNE DRILLING	Lease Name Well # Well # Well #
License: 5382	Field Name HUCOTON
Wellsite Geologist:	Producing Formation CHASE
Designate Type of Completion	Elevation: Ground 3292 Kelley Bushing 3297
New Well Re-Entry Workover	Total Depth 2674! Plug Back Total Depth
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
_XGas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If yes, show depth setFeet
If Workover/Reentry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	Drilling Fluid Management Plan ALT #2 KJR 7/02/07
Original Comp. Date Original Total Depth	Total must be consider nom the Accepto Thy
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 11000 MG/LTR ppm Fluid volume 800 bbls
Plug Back ———Plug Back Total Depth	Dewatering method usedDRIED_AND_FILLED
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name
Other (SWD or Enhr?) Docket No.	Lease Name License No
6/3/04 6/4/04 8/6/04 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S R E [
Recompletion Date Recompletion Date Recompletion Date	County Docket No.
Kansas 67202, within 120 days of the spud date, recompletion, wor Information on side two of this form will be held confidential for a peri 82-3-107 for confidentiality in excess of 12 months). One copy of all CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge. Signature Title REGULATORY STAFF ASSISTANT Date 10	Letter of Confidentiality Attached
Subscribed and sworn to before me this 4TH day of OCTOBER 20 04	If Denied, Yes Date: Wireline Log Received
Notary Public No	Geologist Report Received
Whitary Public Sto	ulC Distribution

Date Commission Expires

Side Two

Operator Name_BP_A	ÆRIÇA PRODUC	TION COMPANY		Lease	Nam	e <u>LUTZ</u>		Well #	3HI	<i>\$</i> %
JAVIUI) Sec. <u>23</u> Twp. <u>31</u>	1U . S.R. 40	East 🗓	West	Count	у _ <u>м</u>	10RION				, , , , , , , , , , , , , , , , , , ,
INSTRUCTIONS: Shot tested, time tool open temperature, fluid recommendation to the state of the	and closed, flowi	ng and shut-in pre rates if gas to s	ssures urface	, whether sh during test.	ut-in	pressure reach	ed static level, h	ydrostatic p	ressures,	bottom hol
Drill Stem Tests Taken (Attach Additional S	heets.)	☐ Yes 🔀	No	x	Log	7808A	ormation (Top), [Depth and D	atums	Samp
Samples Sent to Geolog	ical Survey	Yes 🗓	No	Nan	ne , , , (193	Тор	Da	tum	
Cores Taken		☐ Yes 🕱	No							
Electric Log Run (Submit Copy.)		X Yes	No	CHASE	,)	2330'	KE	3	
List All E.Logs Run:										
COMPENSATED SPECT	RAL NATURAL (CAMA								
	Repor	CASING REC		X New surface, inte			, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		Weight Lbs./Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Addit	d Percent ives
SURFACE	12 1/4"	8 5/8"		24#		600'	HLC PP	145	38℃;	1/4#FLCC
				3	* •	·	PP	150	2%CC;	L/4#FLCC
PRODUCTION	7 7/8"	5 1/2" ADDITION	NAL CE	15.5#	SOLIE	2674' EZE RECORD	HLC PP	420	1/4# 1	FLOCELE
Purpose Perforate	Depth Top Bottom	Type of Cem		#Sacks U			Type and Pe	rcent Additiv	/es	
Protect Casing Plug Back TD Plug Off Zone										
Shots Per Foot		RECORD - Bridge age of Each Interva				1 '	e, Shot, Cement S Kind of Material L	•		Depth
4	2464 - 2474	1				FRAC - W/	200,000# 16/3	30 BRADY	SAND 24	164-2522
						70	Q N2 FOAM			
TUBING RECORD	Size 2 3/8"	Set At 26891		Packer At		Liner Run	☐ Yes 🔀	No		
Date of First, Resumed				ing Method Flowing	ХP	L umping ∐Ga	s Lift Othe	er (Explain)		· · · ·
Estimated Production Per 24 Hours	Oil	Bbls. Ga	s	Mcf 270	Wate	er Bbls.	Gas-Oil F	Ratio		Gravity
Disposition of Gas:		OF COMPLETION		210		· · · · · · · · · · · · · · · · · · ·	Production Interv	/al	· · · · · · · · · · · · · · · · · · ·	
── Vented ██ Sold (If vented, submit.)	Used on Lo			ole 🔀 Perfo	ration	Dually C	omp. Commin	gled		

HALLIBURTO		12861	06/03/04							
Central Operations		Mid Contitnen				MC/Ks		MORTO	N	-
мви id /'ємій. # MCLI0110 / 198516		Jason Clemen	ıs			PSL DEPARTMENT				
LIBERAL TICKET AMOUNT		BP AMERICA WELL TYPE			307	DAN DE			806-255	-8045
\$7,057.00		02 Gas				API/UWI #				
WELL LOCATION HUGOTON LEASE NAME	DAC-U NI-	DEPARTMENT ZI				7521		Cement Su	rface Casir	ng 🕃
LUTZ	Well No. 3HI		<u> </u>			Liberal,	LOSEST TO WELL S Ks	:ITE)		
HES EMP NAME / EMP # / (EXPOSURE HOURS) Clemens, A 198516	HRS			HRS		2000	HRS	T		HRS
Tate, N 105953	3.0				1	RECEIN	/LU			
Pollock, T 106089	3.0		·		0	CT 12	2004		P=0.	
	MILES 25		R/	MILES	K C	· · · · · · · · · · · · · · · · · · ·	R/T MILE	S T		R/T MILE
10251403 1	25					VC AAIC	ина_			
10011406-10011276	27		-			····				
Form. Name Form. Thickness Fro	Type.	То		100	led Out	0=1#				
Packer Type	Set At		Date	Lai	6/3/2004	On Location 6/3/20	004 Joi	Started 6/3/2004	Job Co	ompleted 3/2004
Bottom Hole Temp. Retainer Depth	Pressu Total D	Depth	Time		1130	1600		1648	18	330
Type and Size	essories Ity	s Make			New/Used	Well ₽ [Weight	Oata Size Grade		То	Max. Allow
Float Collar	1 H		Casing	1	N	24#	8 5/8"	0	600	IVIUX. Allow
Float Shoe Centralizers	5	O W	Liner	-						
	1 1 H	С	Tubing Drill Pi							
Limit clamp		0	Open I	Hole			12 1/4"			Shots/Ft.
Weld-A Guide Shoe	1	W C	Perfora Perfora							
BTM PLUG Materials		0	Perfora	ation		Operating	Haura rame		da stafilati	
Mud TypeDen		Lb/Gal	Date 6/3	e	Hours 2.5	Date 6/3	Hours 1.0		t Surface Ca	
Prop. Type Size	ISILY	Lb	0/3		2.5	0/3	1.0			
Prop. TypeSize Acid TypeGal.		Lb				. 				
Acid Type Gal. Surfactant Gal.		%		_						
NE Agent Gal. Fluid Loss Gal/Lb		in								
Gelling Agent Gal/Lb		in								
Fric. Red Gal/Lb Breaker Gal/Lb		in	Total		2.5	Total	1.0			
	Gal/Lb Qty.						Horsepowe	or ad		
Other			<u>Ordere</u>	<u>d</u>		Avail.	Rates in BP	Use	d	
Other			Treatin	<u>a</u>		Disp.		Overall		
Other			Feet	44		Reason	Left in Pipe		E JOINT	
			· · · · Ca	men	nee e				er eder ji to keşî'i	
Stage Sacks Cement Bu	k/Sks		Additives					W/Rq		Lbs/Gal
2 150 PREM PLUS		2% CC - 1/4# FLOCE						11.45 6.30		12.30 14.80
3			4							1 NO.
				-						
	Displac	ement	Sur		Preflush:	BBI		Type:		
ost Returns-\	MAXIM Lost Re	eturns-1			_oad & Bkdn:(_xcess /Return			Pad:Bb Calc.Dis	sp Bbl	
Average		radient				Sal - BBl		Actual [Disp:Bb		35
	5 Min			\equiv	Cement Slurry Total Volume	BBI	90.0 #VALUE!			
rac Ring #1					Frac Ring #				# 4 majori	
THE INFORMATION STAT			ECT		7.	1)	_			ł
CUSTOMER REPRESENT	AIIVE				1/6	GIGNATURE	<u> </u>			

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HALL	.IBL	JRT	DN	JOB	LOG	V OO	AICHI!	3112861	06/03/04			
REGION Central O			NWA/C	OUNTRY	itnent/U			MC/Ks	MORTON			
MBUID/EMPL# MCLI0110			H.E.S E	MPLOYEE!	NAME			PSI DEPARTMENT Cement				
MCLI0110 / 198516 Jason Clemen LOCATION COMPANY LIBERAL BP AMERICA								CUSTOMER REP / PHONE	000 000 0045			
TICKET AMOUNT	1	 	WELLT				· · · · · · · · · · · · · · · · · · ·	DAN DEER	806-255-8045			
\$7,057.00 WELL LOCATION			DEPART	MENT	02 0	as		JOB PURPOSE CODE				
HUGOTO! EASE NAME	<u> </u>	[Well No	ZI SEC/TV	VP / RNG				Cement Surface Casing				
LUTZ		3F	23 -	31S - 4				Liberal, Ks				
clemens, A		HR:	HES EMP NAME/E	MP#(EXPOS	URE HOURS)	HRSHESEMP	NAME/EMP # (EXPOSU	RÉHOURS) HI	RS HES EMP NAME/EMP # (EXPOSURE HOURS) H			
Tate, N 105		3	 			++-						
Pollock, T 1		3		•		9.3		 				
	758 ₄₀	£ 1			and the second	A Sec.	alian in the parties	A TO A TO STAN TO A STAN TO				
		Rate		100	1							
Chart No.	Time		Volume			(PSI) E	- 30	Job De	scription / Remarks			
NOS	1130	(BPM)	(BBL)(GAL)	級N2 對	CSG. U	Tbg W			ED FOR JOB			
	1430						 		ON LOCATION			
	1445			1			PRE-JOB	SAFETY MEETING				
	1500						SPOT EQ	JIPMENT				
	1630	ļ	ļ			<u> </u>	OTABY O	10110				
· · · · · · · · · · · · · · · · · · ·	1730	!	<u> </u>	-			CASING O	N BOTTOM & CIRC	III ATE W/ RIG			
	<u> </u>				-/		1		ODATE WITHOUT			
	1749				3500			E TEST PUMPS & L				
	1753 1801	6.5 6.5	54.0 36.0		200 250	i e		AD 145 SKS (HLC F				
	1805	6.5	90.0		250			IL 150 SKS (PP) MI ENT // DROP PLUG	XEU @ 14.8#			
	1808	4.0	0-35		50			SPLACEMENT				
	1811	7.0			100		CAUGHT (EMENT				
	1813	2.0	25-35		200		SLOW RA					
	1818 1830	2.0	35.0		800		·	G /// FLOAT HELI	D			
	1030						END JOB					
							CIRCULAT	ED CEMENT				
					250		PRESSUR	E BEFORE LANDING	G PLUG			
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							Apr. 10 1 10 1 10	3.3				
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								THE METERS OF THE SHELL				
			7.									
							1					
								THANK YOU	JASON & CREW.			

HALLIBURTON JOB SUMMARY GRICON CONTRY MID Contituent/USA BUID FEMPLO H.E.S. EMPLOYEE NAME							14371	06/04/04 COUNTY MORTON				
						MC/Ks						
MBU ID / EMPL # MCLIO103 106304		Kirby H					PSL DEPARTMENT Cement					
LIBERAL		BP AME	RICA				DAN DE			806-255-8045		
10 TICKET AMOUNT \$7,416.22		WELL TYPE 02 Gas					API/UWI#					
WELL LOCATION N. OF ROLLA, KS		CEMEN	T				7523	BER C	ement Proc	luction C	asing 👺	
LEASE NAME	Well No.	SEC / TWP / RN 23 - 31S	G	······································		· · · · · · · · · · · · · · · · · · ·		LOSEST TO WELL S	ITE)		<u> </u>	
HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	123 - 310	- 4077		IRS		<u> Liberal </u>	NS. HRS			h	
Harper, K 241985	8.0					REC	EIVED					
Davis, T 106304 Torres, J 295373	6.0	RE	CEN	/ED 	+	007	0.0001					
				2004 R/TM	工	OCT (2 2004					
1.E.S. UNIT #S / (R / T MILES) 10219237	R/T MILES	UU		LUUT R/TN	ILES	KCC V	VICHIT	R/T MILES			R/TM	
10011406-10011276	27	KCC	: WIC	HIA		11001						
	+ +				-							
orm. Name	Type:											
Form. Thickness	FromSet At	То	<u></u>	Date	Jalle 6	Out /4/2004	On Locati 6/4/2	on Job 004	Started 6/4/2004	Job C	ompleted /4/2004	
Bottom Hole Temp. Retainer Depth	Pressu Total D			Time		600	1900		2300		400	
Tools and	l'Accessorie		ي بست	111116			Well+I		A MARIN	A CHOO		
Type and Size loat Collar	Qty	Make		Casing		New/Used NEW	Weight 15.5	Size Grade 5 1/2	From 0	To 2,674	Max. Allov	
loat Shoe IFS SHOE		WCO		Liner		1					 	
op Plug 5 1/2		WCO WCO	—	Liner Tubing			ļ				 	
EAD 5 1/2	1 HO	wco		Drill Pipe								
imit clamp 5 1/2 Veld-A		WCO WCO		Open Herforat		· · · · · · · · · · · · · · · · · · ·		77/8			Shots/F	
Suide Shoe				Perforat	ons							
BTM PLUG Mate	rials			Perforate Hours O		cation	Operating	Hours ************************************	Descript	ion of Jol) COLUMN THE STATE OF	
Mud Type Disp. Fluid	Density Density		/Gall /Gall	Date 6/4		Hours 4.0	Date 6/4	Hours 1.0	• *	Production		
Prop. TypeS	ze	Lb			士							
cid Type G	ze al.	Lb										
cid TypeG	al al.	%									····	
IE AgentG	al.	In In			\pm						······································	
luid LossG	al/Lb al/Lb	in			1							
ric. RedG	al/Lb	In										
reakerG locking Agent	al/Lb Gal/Lb	In		Total	9	4.0	Total A	1.0				
erfpac Balls	Qty.							Horsepowe				
Other				Ordered	·		Avail. Average	Rates in BPI	Used Visi	<u></u>		
ther				Treating			Disp.		Overall	<u> </u>		
ther	······································			Feet			Reason	Left in Pipe		JOINT	•	
				- C	OF F)ata sam		44 (1 4 to 1		- 12 g - 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Stage Sacks Cement	Bulk/Sks			Additives					W/Rq.	Yield	Lbs/Gal	
1 420 HLC PP		1/4# FLOCI		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		多於 纵 等數字		range and and a	11.41	2.04	12.27	
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3. 5				•	1		4	The second second				
				Sum							2 . 128	
irculating reakdown	Displac MAXIM					eflush: ad & Bkdn:	BBI Gal - BBI		Type: Pad:Bbl-	-Gal		
ost Returns-\ mt Rtrn#Bbl	Lost Re	turns-1			Ex	cess /Return			Calc.Disr	о ВЫ 🚃	EA	
verage	Actual Frac. G	radient			Tre	alc. TOC: eatment:	Gal - BBI		Actual Di Disp:Bbl	SD.	64	
hut In: Instant	5 Min		15 Min		_Ce	ment Slurry tal Volume	BBI	153 216.24	J			
rac Ring #1	l-ra	c Ring # 2	40%E4		10	Frac Ring	#.3 ######	7 10.24 THE COLUMN	Frac Ring #	4150000		
THE INFORMATION S			CORRI	ECT	۔۔۔			. —				
CUSTOMER REPRES	ENTATIVE			<u> レ</u>	an	- Uec	SIGNATURE					
				·			COLUMN CINE			····		

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KCC WICHITA ICKET DATE HALLIBURTON JOB LOG 06/04/04 3114371 REGION NWA / COUNTRY BDA / STATE COLINTY **Central Operations** Mid Contitnent/USA MC/Ks MORTON MBU ID / EMPL# H.E.S EMPLOYEE NAME PSL DEPARTMENT **MCLIO103** 106304 Kirby Harper **Cement** CUSTOMER REP / PHONE LIBERAL TICKET AMOUNT **BP AMERICA DAN DEER** 806-255-8045 \$7,416.22 02 Gas DEPARTMENT JOB PURPOSE CODE N. OF ROLLA, KS CEMENT **Cement Production Casing** HES FACILITY (CLOSEST TO WELL S 23 - 31S - 40W LUTZ **3HI** Liberal Ks. ES EMP NAME/EMP # (EXPOSURE HOURS) HRS HES EMP NAME/EMP # (EXPOSURE HOURS) HRS HES EMP NAME/EMP, # (EXPOSURE HOURS) HRSHES EMP NAME/EMP # (EXPOSURE HOURS) HRS Harper, K 241985 Davis, T 106304 Torres, J 295373 Job Description/Remarks Volume Rate Press.(PSI) Rate Chart Time No. (BBL)(GAL) 1600 CALLED OUT FOR JOB 1800 PRE TRIP SAFETY MEETING 1900 ON LOCATION JOB SITE ASSESSMENT 2100 TIME READY 1900 RIG LAYING DOWN DRILL PIPE 2000 RIG START RUNNING 2674" OF 5 1/2" 15.5# CASING 2215 CASING ON BOTTOM-HOOK UP PLUG CONTAINER 2220 START CIRCULATING WITH RIG PUMP 2230 PRE JOB SAFETY MEETING 2250 HOOK UP TO PUMP TRUCK 2254 2700 PRESSURE TEST PUMP AND LINES 2257 6.5 153.0 200 START MIXING 420 SK OF HLC PP @ 12.27# 2320 SHUT DOWN--DROP TOP PLUG 2321 **CLEAN PUMP AND LINES** 2325 6.5 O 300 START DISPLACING WITH FRESH WATER 2334 2.0 54.0 700-600 **SLOW RATE** 2338 2.0 64.0 700-1200 **BUMP PLUG** 2343 1200-0 **RELEASE PRESSURE** FLOAT HELD CIRCULATE CEMENT TO THE PIT THANK YOU FOR CALLING HALLIBURTON **KIRBY AND CREW**