Form ACO-1 September 1999

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form must be Typed **WELL COMPLETION FORM** ODICINIAL

Operator: License # 5952	API NO. 15- 187-21013-0000 URIGINAL
Name: BP AMERICA PRODUCTION COMPANY	County STANION
Address P. O. BOX 3092, WL1, RM 3.201	NE NE_ Sec. 20 Twp. 27 S. R. 39 EX W
City/State/Zip HOUSTON, TX 77253-3092	Feet from SNicircle one) Line of Section
Purchaser:	330 E Feet from E/W (circle one) Line of Section
Operator Contact Person: SUE SELLERS	Footages Calculated from Nearest Outside Section Corner:
Phone (281) 366-2052	(circle one) NE SE NW SW
Contractor: Name: CHEYENNE DRILLING	Lease Name NEFF, MINNIE Well # 4
License: 5382 RECEIVED	Field Name HUGOTON
Wellsite Geologist: NOV 2 4 2003	Producing Formation CHASE
Designate Type of Completion KCC WICHITA	Elevation: Ground 3171 Kelley Bushing 3178
New Well Re-Entry Workover	Total Depth 2650 Plug Back Total Depth 2650
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented atFeet
	Multiple Stage Cementing Collar Used? Yes 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
Original Comp. Date Original Total Depth	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 25,000 MG/L ppm Fluid volume 1000 bbls
——— Plug Back ————————————————————————————————————	Dewatering method used DRIED 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 NameLicense No
10/10/0310/12/0311/03/03Spud Date or Recompletion DateDate Reached TDCompletion Date or Recompletion Date	Quarter Sec. Twp. S R. E W County Docket No.
Kansas 67202, within 120 days of the spud date, recompletion, wo Information on side two of this form will be held confidential for a pe 82-3-107 for confidentiality in excess of 12 months). One copy of al CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with All requirements of the statutes, rules and regulations promulgated to recherein are complete and correct to the best of my knowledge.	pith the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, rkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Find of 12 months if requested in writing and submitted with the form (see rule I wireline logs and geologist well report shall be attached with this form. ALL th all plugged wells. Submit CP-111 form with all temporarily abandoned wells. gulate the oil and gas industry have been fully complied with and the statements
Signature Sun Julium	KCC Office Use ONLY
Subscribed and sworn to before me this 20TH day of NOVEMBE 20 03	Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received
Date Commission Expires	Geologist Report Received UIC Distribution OMMISSION EXPIRES: AY 26, 2006
mmm &	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Operator Name BP A	MERICA PRODU	CTION COMP	ANY	Leas	e Nam	ne NEFF, M	NNIE	Well	# 4		
Sec. 20 Twp. 27	S.R 39	☐ East	X West	Cour	nty	STANTON					
INSTRUCTIONS: Shot tested, time tool open a temperature, fluid reconstruction to the temperature of temperature of the temperature of temperature	and closed, flow overy, and flow	ing and shut-i rates if gas	in pressure to surface	es, whether s e during tes	hut-in	pressure read	hed static level, I	nydrostatic	pressure	s, bottom ho	
Drill Stem Tests Taken (Attach Additional St	neets.)	Yes	X No	צ	Log		Formation (Top),	Depth and (Datums	☐ Samp	
Samples Sent to Geolog	ical Survey	Yes	X No	Na	me		Тор	D	atum		
Cores Taken		Yes	x No								
Electric Log Run (Submit Copy.)		X Yes	□ No	CHASE	-		2265	K			
List All E.Logs Run:				COUNC	IL G	MOVE	2542	K	В		
COMPENSATED SPECT	RAL NATURAL	GAMMA.				, ·					
Purpose of String	Repor Size Hole Drilled	t all strings se Size Cas Set (In C	sing	r, surface, int Weight Lbs./Ft.	ermed	Setting Depth	· · · · · · · · · · · · · · · · · · ·			e and Percent Additives	
SURFACE	12 1/4"	8 3/8"		24#		745	HLC PP 200		3%CC 1/4#FLC		
							PREM PLUS	140	1	1/4#FLO	
PRODUCTION	7 7/8"				SOLIE	2650 EZE RECORD	HLC PP	515	1/4#	FLOCELE	
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom		f Cement	#Sacks I		EZE RECORL	Type and Pe	ercent Additi	ives		
Shots Per Foot	PERFORATION Specify Foot	RECORD - B									
4	2294-2304';	2330-2340	'; 2390-	-2400';		FRAC-200	,000# OF 16/3	O BRADY S	SAND :	2294-2470	
	2460-2470'			•		W/70Q FO	AM				
TUBING RECORD	Size	Set At	G IN WEI	Packer At		Liner Run	☐ Yes 🕱	No			
Date of First, Resumed 11/3/03	Production, SV	VD or Enhr.	Produ	cing Method **Elowing**	□Р	umping G	as Lift Oth	er (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf 800	Wate	er Bbls.	Gas-Oil I	Ratio		Gravity	
Disposition of Gas:	METHOD (OF COMPLET	ION	300	<u>. </u>	<u> </u>	Production Inter	val			
· Vented 🔀 Sold	Used on Lo	ease [Open H	lole 🗶 Perfo	oration	Dually C	Comp. Commin	gled	•		
(If vented, submit A	ACO-18.)	ı	☐ Other /				_				

HALLIBURTO	2713443			10/10/03							
Central Operations		Mid Contitnen				MC/Ks			STANTON		
MCLIO104 212723		HES EMPLOYEE NAME JERRAKO EV	ANS		····	PSL DEPARTMENT Cement		71	GIN	ΔΙ	
LIBERAL		BP AMERICA			307	DAN KIS	PHONE T	\ 1		06-255	-8042
TICKET AMOUNT \$6,550.76		WELL TYPE 02 Gas				APIAMI #	<u></u>			<u> </u>	
WELL LOCATION ULYSSES, KS		DEPARTMENT CEMENT		•		SAP BOMB NUMB 7521	ER	Cer	ment Surfac	ce Casir	ıg 🕶
LEASE NAME	Well No.	SEC / TWP / RNG				HES FACILITY (C		L SITE)			
MINNIE NEFF HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	20 - 27S - 39W	<u> </u>	HRS		LIBERAL	-	RS			HRS
Evans, J 212723	4.0				RECEI	∀ED		I	····		
Tate, N 105953 Schawo, N 222552	40				NOV 2 4	วกกว		+			
					1101	2000		士			
	MILES 70		R/1	T MILES	KCC WIC	ATHE	R/TMII	LES			R/T MILE
	70		-+				- 				
	10				7			+			-
											
Form. Name	Type:	To	· · · · · · · · · · · · · · · · · · ·	10.							
Form. Thickness Fro Packer Type	m Set At	10	Date	Cal	led Out 10/10/2003	On Location 10/10/2	on 130	<u>ob S</u> 10	tarted /11/2003		ompleted 11/2003
Bottom Hole Temp.	Pressu	re		1			.000			1 .0,	1 112005
Retainer Depth Tools and Acce	Total D	epth	Time	Str. 2013 1 1 1 2 2	1900	2300	N.4.1 1 1 4 1 1 4 1	0	030		300
	tv	Make		CHENI-O	New/Used		Size Grad		From	To	Max. Allow
Float Collar			Casing	1	NEW	24#	8 5/8"	+	0	745	IVICA, AHOW
Float Shoe			Liner								
Centralizers Top Plug PLASTIC 1	- 400	wco	Liner Tubing		_		<u> </u>	-			
HEAD 1		wco	Drill Pi					+			
Limit clamp			Open		L		12 1/4*	+		745	Shots/Ft.
Weld-A			Perfora					\Box			
Guide Shoe BTM PLUG	$+\!\!\!-$		Perfora Perfora					-			
BTM PLUG Materials Mud TypeDen	14. EU-18. 1	CALLON CONTRACTOR	Hours	On L	ocation	Operating	Hours	V. 7844	Description	n of Job	ija Wijiaw
Mud TypeDen: Disp. FluidDen:	sity 1sity	Lb/Gal Lb/Gal	Date 10/1	e	Hours 4.0	Date 10/10	Hours	7	Cement S	urface Ca	asing
Prop. Typo		Lb	10/1	- 	4.0	10/10	7.0	┥			
Prop. Type Size		Lb						_			
Acid TypeGalGalGal.		%		\dashv	 -			4			
SurfactantGal.		ln		士				1			
NE Agent Gal.		In]			
Gal/Lb Gal/Lb Gal/Lb		In ———		-+				-			
Fric. Red. Gal/I b		in						┪			
BreakerGal/Lb_ Blocking Agent	Gal/Lb_	In	Total		4.0	Total 💮	7.0	3			
Perfpac Balls	Gav.b. Qty.				· · · · · · · · · · · · · · · · · · ·	Hydraulic	Horsenov	ver.			
Other			Ordere	d		Avail.			Used		
OtherOther			Treating	~	N.	Average I	Rates in B	PM.			
Other			Treauri	<u> </u>		<u>Disp.</u> ∴Cement	Left in Pir	À.	Overail		
Other			Feet	46		Reason		a• φω,	SHOE	JOINT	
			MAKAN N	meni	Data	ing Town	Series de la	en en d	FRANCE AND A	MANAGE AND SERVICE	A PARTICION
Stage Sacks Cement Bull	k/Sks		Additives	2 meiil	232318	STEP STATE OF THE	TOTAL SHADOW		W/Rq.	Yield	Lbs/Gal
1 200 HLC PP		3% CC - 1/4# FLOC							11.45	2.07	12.30
2 140 PREM PLUS 3	 	2% CC - 1/4# FLOC							6.30	1.34	14.80
4									 	 	
Circulating r			A SEES UN	nmai				0.27		TO THE	
Breakdown	Displace MAXIMU				Preflush: .oad & Bkdn: G	BBI			Type: Pad:Bbl-Gal		
_ost Returns-)	_ost Ref	turns-l [*]		E	xcess /Return	BBI .			Calc.Disp	вы	
Average	Actual T ⁻rac. Gr				Calc. TOC: reatment: 0	al - BBI			Actual Dis		44
	Min	15 Min		=	Cement Slurry (BBI	107.0		Disp:Bbl		
	_			т	otal Volume I	arı -	151.00				
rac Ring #1	<u> Frac</u>	rung # Z	系。《常格····································	£ 0.5	Frac King #	3	医 对象子类(50)	Fra	c Ring #4	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	and particular
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CUSTOMER REPRESENTA	₹IIVE		Ta	4	(VZZ	IGNATURE	u)				

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Central C	<u> </u>	15			Cont	itnent/L	ISA		MC/Ks	STANTON				
MBUID/EMPL#	4 2	12723		HE.S E	MPLOYEE	NAME D EVAN			PSL DEPARTMENT	STANTON				
LOCATION LIBERAL		12/20		COMPA	WY.		5		Cement CUSTOMER REP / PHONE					
TICKET AMOUNT				MELL T	AMER	RICA	·		DAN KISER	806-255-804				
\$6,550.76 WELL LOCATION	<u> </u>			DEPART		02	Gas							
ULYSSES	S, KS			CEN	IENT				JOB PURPOSE CODE	ent Surface Casing				
LEASE NAME MINNIE N	EFF	Well	No. 4	SEC / TV	VP/RING 275 - 3	39W			HES FACILITY (CLOSEST TO	WELL S				
ES EMP NAME/EMP (Н	RS∙€	S EMP NAME/E	MP # (EXPOS	URE HOURS)	HRS HES E	P NWE/EMP & (EXPOSU		SHES EMP NAME/EMP & (EMPOSURE HOURS)				
Evans, J 2			┵	·										
Tate, N 10		4	┵											
Schawo, N	222552		┸											
S SECURE SAME	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	100000000		Amales Company										
Chart	Time	Rate		olume		25 Take 60.20								
No.		(BPM)	9 (1)	nan	Rate N2	cso.	s.(PSI)		Job De	scription / Remarks				
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	2300	-	1				 	JOB READ						
	2030								SAFETY MEETING					
			oxdot						ATION/ JOB SITE A	ASSESMENT				
			1					RIG UP TR						
	2345 0110	·	┼						NNING CASING (8 5					
	0115		╀				<u> </u>		N BOTTOM (745 FT)					
	0120		╁						UP PC &CIRC IRON					
			1					CIRC WITH						
	0039		1			1500		TEST LINE						
	0043	6.0	7	4.0		0-90				2.3# (200 SX HLC PP)				
	0056	6.0	3	33.0		140		START MIX	ING TAIL CMT @14	J.8# (140 SX PP)				
	0103		<u> </u>						MIXING/ DROP PLU					
	0108 0115	6.0 2.0	١.,	<u> </u>		0-200		START DIS	WITH FRESH WAT	TER				
	0113	2.0	_	5.0 5.0		240		SLOW RAT						
	0123	2.0	-	3.0		640		BUMP PLUC						
		· · ·	_	-+				RELEASE F	LOAT HELD					
								 						
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		$-\!\!+$						JERRAKO &	CREW					

HALLIBURTO	2715181 10/11/03				3							
REGION Central Operations		Mid Contitnen				MC/Ks			STANTON			
MBU ID / EMPL # 106322		Danny McLane				PSL DEPARTMEN Cement		<u> </u>	<u> </u>	Λ 1		
LOCATION LIBERAL		BP AMERICA	7			DAN KISER						
TICKET AMOUNT \$7,772.01		WELL TYPE 02 Gas				1872101				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	VV72	
WELL LOCATION		DEPARTMENT				SAP BOMB NUMB		Cem	ent Prod	uction Ca	sing -	
E/Johnson City,Ks	Weil No	Cement SEC/TWP/RNG				7523 HES FACILITY (CI	- 1					
MINNIE NEFF	4	20 - 27S - 39W				Liberal						
HES EMP NAME / EMP # / (EXPOSURE HOURS) MCIane, D 106322	HRS 5.0			HRS	RECEIV	FD	HR	<u> </u>		 	HRS	
Lemieux, M 266575	5.0											
Ferguson, R 106154 Howard, A.J. 285427								-				
H.E.S. UNIT #S / (R / T MILES)	R/T MILES		R/	T MILES	NOV 2 4 2		R/T MIL	ES			R / T MILE	
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Form. Name Form. Thickness	Type: From	To		TCalle	d Out	On Location	n IJo	b St	arted	IJob Co	ompleted	
Packer Type Bottom Hole Temp.	Set Af		Date		71172003	10/12/2		16)	12/2003	10)	12/2003	
Retainer Depth	Total	Depth	Time	2	100	0030		03	15	04	100	
Tools and A	ccessorie Qtv	S Make	E-14-250-2-3	場所が発	New/Used	<u> </u>	Data 吳海湖的 Size Grad	e	From	To	Max. Allow	
Float Collar Float Shoe IFS 4 1/2	Ho	wco	Casing	9	New	10.5#	4 1/2"		КВ	2,650		
Centralizers		wco	<u>Liner</u> Liner		<u> </u>			╁				
Top Plug 4 1/2 HEAD 4 1/2		wco	Tubing Drill Pipe									
Limit clamp		wco	Open				7 7/8"	士			Shots/Ft.	
Weld-A Guide Shoe		WCO CO	Perfor		•			-				
BTM PLUG	Ho	wco	Perforations									
Mud Type[Density	Lb/Gaij	Hours On Location Operating Hours Date Hours Operating Hours Description of Job Add Hours Cement Production Casing									
Disp. Fluid Size	Density	Lb/Gal	10/12 5.0 10/12 1.0 Cement Production Cas								1 Casing	
Prop. Type Size Acid Type Gal.		Lb						1				
Acid Type Gal.		%						1 :				
Acid Type Gal. Surfactant Gal. NE Agent Gal.		In In	<u> </u>					┨ .				
Fluid Loss Gal/ Gelling Agent Gal/		In In] :				
Fric. RedGal/I	_b	In						1 :				
Breaker Gal/I Blocking AgentGal/I	_b Gal/Lb	In	Total A		5.0	Total	1.0	J .		***		
Perfpac Balls	Qty.		Ordere			Hydraulic	Horsepoy	/er:				
Other					,	Avail. Average J	Rates in Bl					
Other			Treatin	<u>g</u>		Disp.	Left In Pin		Overail			
Other			Feet	1		Reason			SHOE	JOINT		
	Corporal a Cha		Mark Cè	ment [)ata			ore de				
Stage Sacks Cement 1 515 HLC PP	Bulk/Sks Bulk	1/4# FLOCELE	Additive						W/Rq.	Yield	Lbs/Gal	
2	DUIK	WHI FLUGELE						\dashv	11.41	2.04	12.27	
3 4								\Box				
							···					
Circulating	Displac	ement	S M Sui		eflush:	BBI	5.00	图案	Type:	fresh	water	
Breakdown Lost Returns-	MAXIM			Lo	ad & Bkdn: (cess /Return	Gal - BBI			Pad:Bbl -	Gal	42.1	
Cmt Rtm#Bbl	Actual	TOC		Ca	ılc. TOC:	_			Calc.Disp Actual Dis		42.1	
Average Shut in: Instant	Frac. G 5 Min	Fradient 15 Min		Tre	eatment: (ement Slurry	Gal - BBI BBI	187.0	$\overline{\Box}$	Disp:Bbl			
rac Ring #1 共产产品的资本的	erallega			To	tal Volume	BRI -	234.00	F	Die e	A supplied than the	Constant	
THE INFORMATION ST				edine (ottob)		V, W, W, ESTATE LASS	CONTRACTOR OF THE PERSON OF TH	rra	KING #	A SEPTEMBER	4条件及正式等待14	
CUSTOMER REPRESE				ut	Hut	w						
						SIGNATURE						

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HAL	LIB	JB.	T				3	M	C MICH	2715181 BDA / STATE	1	CKET DATE 10/11/03				
Central C) Operatio	ns		1	COUNTRY	itnent/	USA	KC	···	TANTON	ON					
MBUID/EMPL#	1	1063))	H.E.S	EMPLOYEE	NAME		-		PSL DEPARTMENT		TANTON				
LOCATION		1000/	<u> </u>	COMP	ANY	<u>cLane</u>				Cement CUSTOMER REP / PHONE						
LIBERAL TICKET AMOUNT		BP	AMER	RICA				DAN KISER		806-255-80)42_					
\$7,772.01				02	Gas	S		18721013000	0							
E/Johnso	n City,	(s		1 -	niment nent					JOB PURPOSE CODE	ont D	Production Casing				
LEASE NAME MINNIE N	EFF	We	No 4	. SEC/1	WP/RNG 275 -	39W				HES FACILITY (CLOSEST T	OWELL	s casing				
HES EMP NAME/EMP &)		ES EMP NAME			HR	SPES D4	NAME/EMP # (EXPOSUR	Liberal Ks	HRS HES	EMP NAME/EMP # (EXPOSURE HOURS)	HRS			
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Lemieux, I	M 266575	5	5			-,					十		+-			
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Howard,A.			5								十		+			
Chart	Time	Rat	e		435	1	200 200		***		28%					
No.	i ime		× .			Pre				Job D	escri	iption/ARemarks				
45140:34 SEC	2100	(BPM)	34.0g	(BELKGAL)	3 根N2证	CSO.		a Thorse	200 100 100 100 100 100 100 100 100 100							
	2210	 	\dashv		 	 	+-		Called for j							
	0030	 			 	 	╁			ip safety meeting		-A F:!! 4 DD 1				
		1	\exists				╅			nal on location.	ssmer	nt. Fill out BP. Ratsheet				
	0040		٦				+			urton equipment						
	0045						1			unning 4 1/2 casing and float equipment						
	0230		\perp						Casing on							
	0232		4						Hold safety	y meeting and rig up plug container						
	0247		4				<u> </u>			ump to break out fill tube						
	0252 0307		4				—		Got mud re							
	0309	<u> </u>	┪		\vdash		╁			culating with rig	pump					
			+				+-		Hook up to		.4.					
	0311		7			0/2000	+-		Pressure te	ure for 4 1/2 long	string					
	0312	2.0	T	5.0		0	1		Start fresh v				\dashv			
	0314	6.0		187.0		0/100				cks of cement @	12.3 #	Vgal				
	0340	<u> </u>	\perp						Through mix			.94	\dashv			
	0342		4								. Was	h up pumps & lines	\neg			
	0346	6.0	+	42.0		0/150			Start fresh w	rater displacemen	rt					
	0347	2.5	╀			220				nt caught cement						
	0356		+			550/470 580/1500	-		Slow down r							
	0357	·—	+		 	1500/0	-			and pressure up of sure and float he		<u> </u>				
			T				\vdash	_	. velease pres	ean and nost he	KU					
			Ι										\dashv			
	[\perp							Circulated	ceme	ent to pit	\dashv			
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 			╀					[Thank you for	calling	g Halliburton	\Box			
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