WELL COMPLETION FORM **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 5952	API NO. 15
Name: BP AMERICA PRODUCTION COMPANY	County STANION
Address P. O. BOX 3092, WL1-RM 3.201	
City/State/Zip HOUSTON, TX 77253-3092	1250 'S Feet from S/N (circle one) Line of Section
Purchaser:	1250 E Feet from E/W (circle one) Line of Section
Operator Contact Person: SUE SETTERS	Footages Calculated from Nearest Outside Section Corner:
Phone (281) 366-2052	
Phone (281) 366-2052 RECEIVE Contractor: Name: CHEYENNE DRILLING	Lease Name HEITZMAN Well # 5
license: Face Face	Field Name ITTOOTON
Wellsite Geologist:	Producing Formation CHASE
Designate Type of Completion	Elevation: Ground 3229 Kelley Bushing 3234
x New Well Re-Entry Workover	Total Depth 2647 Plug Back Total Depth 2647
	Amount of Surface Bine Set and Comented at 500 Feet
Oil SWD SIOW Temp.	
Gas SIGW	Multiple Stage Cementing Collar Used? Yes X No
Dry Other (Core, WSW, Expl., Cathodic, etc	
f Workover/Reentry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to w/sx cmt.
Well Name:	Drilling Fluid Management Plan A # WR 6/22/0 (Data must be collected from the Reserve Pit)
Original Comp. Date Original Total Depth	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 1600 MG/LTR ppm Fluid volume 800 bbls
Plug Back	Dewatering method used
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
7/2/04 7/4/04 11/9/04	Quarter Sec Twp S R E V
Spud Date or Date Reached TD Completion Date or Recompletion Date	County Docket No
Ransas 6/202, within 120 days of the spud date, recompletion Information on side two of this form will be held confidential for 82-3-107 for confidentiality in excess of 12 months). One copy CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 for	iled with the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, n, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. a period of 12 months if requested in writing and submitted with the form (see rule of all wireline logs and geologist well report shall be attached with this form. ALL m with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	to regulate the oil and gas industry have been fully complied with and the statements
Signature Suc Sullins	VCC Office Have ONLY
Title REGULATORY STAFF ASSISTANT Date	KCC Office Use ONLY 12/01/04
Subscribed and sworn to before me this 1ST day of DECI	Letter of Confidentiality Attached
20 04	, If Denied, Yes Date: Wireline Log Received
Tiotaly, abile	Geologist Report Received
Date Commission Expires	N.K. ZAPALAC Olic, State of Texas DESCRIPTION UIC Distribution

Side Two

Operator Name BP A	MERICA PRODUC	CTION COMP	ANY	Leas	se Nam	ne HEITZMA	4	Well #	<u> 5</u>		
Sec. <u>36</u> Twp. <u>28</u>	s S.R. 40 W	☐ East	west	Cour	nty _	STANTON			war oo da'd oo ah	(
INSTRUCTIONS: Shot tested, time tool open temperature, fluid recellectric Wireline Logs s	and closed, flow overy, and flow	ing and shut-i rates if gas	n pressure to surface	s, whether so during tes	shut-in	pressure read	ched static level, h	nydrostatic į	oressure	es, botto	m hole
Drill Stem Tests Taken (Attach Additional S	heets.)	Yes	x No	Į.	Log		Formation (Top), I	Depth and [Datums		Sample
Samples Sent to Geolog	es Sent to Geological Survey				Name Top				Datum		
Cores Taken	Cores Taken Yes 🕱 No										
Electric Log Run (Submit Copy.)		X Yes	☐ No	CHASE	€	• •	2300'	KI	3		
List All E.Logs Run:											
COMPENSATED SPECT	RAL NATURAL	GAMMA.									
Purpose of String	Repor Size Hole Drilled	CASING t all strings se Size Cas Set (In O	ing	New r, surface, int Weight Lbs./Ft.			Type of Cement	# Sacks Used		and Pero	cent
SURFACE	12 1/4"	8 5/8"		24#		680'	HLC PP	200	3%00	C; 1/4#1	FLOC
							PP	150	2%CC; 1/4#FL		
PRODUCTION	7 7/8"	5 1/2"		15.5#		2647'	HLC PP	410	1/4	FLOCI	ELE
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom		Cement	#Sacks		EZE RECORI	Type and Pe	rcent Additi	ves		
Shots Per Foot	PERFORATION Specify Foots	RECORD - Br age of Each In					re, Shot, Cement S d Kind of Material L		ord	Depth	
4	2430-2440'					FRAC - W	/200,000# 16/3	30 BRADY	SAND	2430-2	2490
4	2480-2490'					7					
							TOTAL	*************************************			
TUBING RECORD	Size 2 3/8"	Set At 2505 '		Packer At	t	Liner Run	Yes 🗶	No			
Date of First, Resumed 11/9/04	Production, SW	/D or Enhr.	Produc	cing Method	X P	umping 🔲 G	as Lift	er (Explain)			
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas 750	Mcf	Wate	er Bbls.	Gas-Oil F	Ratio		Gravit	ty
Disposition of Gas:		F COMPLETI			_ <u> </u>		Production Interv	al		***************************************	
Vented X Sold	Used on Le	ase [Open H	ole 🗶 Perfo	oration	Dually C	comp. Comming	gled			
(If vented, submit A	ACO-18.)		Other (Specify) _							

REGION			BDA / STATE	62480		07/02/04				
Central Operations	nent/USA		•	MC/Ks		STANT	ON			
MCLI0101 3	n			Cemen	Cement					
LIBERAL TICKET AMOUNT	CA	CUSTOMED DEPLOYED					806-25	5.2045		
\$7,855.02 WELL LOCATION				API/UWI#						
Ulysses, Ks	SAP BOMB NUMBER 7521					Cement Surface Casing				
EASE NAME HEITZMAN)W			HES FACILITY (HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks					
HES EMP NAME / EMP # / (EXPOSURE I				HRS		<u> Liberal</u>		HRS	-	
Green, S 301261 Oliphant, C 243055	19.0			\Box						
Wiltshire, M 195811	19.0									
.E.S. UNIT#S/(R/TMILES)	R/TMILES		D/T	MILES						
10415641	146		R/1	MILES			R/TA	MLES		R/
10589601 10243558 / 101127	146 7 43									
				_			 			
orm. Name orm. Thickness	Type: From	То		Callad	10.4					
acker Type ottom Hole Temp.	Set At		Date	Called 7	/2/2004	On Location 7/2/2	on	Job Started 7/3/2004	Job C	omplete //3/2004
etainer Depth	Pressu Total D	epth 680'	Time	16	500	1900				
Tools Type and Size	and Accessories	Make		I		Well [)ata	1242	11	318
oat Collar 8 5/8"			Casing		New/Used New	Weight 24#	Size Gra 8 5/8"	de From	To	Max. Al
oat Shoe entralizers 8 5/8"x12	Hov 2 1/4" 5 Hov		Liner				0.00		680	-
op Plug 8 5/8"	1 Hov	vco	Liner Tubing							
EAD 8 5/8" mit clamp 8 5/8"	. 11104		Drill Pip Open H	e ele						
'eld-A uide Shoe 8 5/8"	1 How	/CO	Perforat	ions			12 1/4"	Sur.	680	Shots/
M PLUG	1 How How Materials	100	Perforat Perforat							
ud Type sp. Fluid op. Type op. Type id Type id Type	SizeI Gal	Lb/Gal Lb/Gal Lb _b b 	7/2 7/3		14.0	Date 7/2 7/3	Hours 0 1.0	Descript Cement s	Surface Ca	asing
rfactant	Gal.	n n								
id Loss	Gal/LbI	n		+					ECEIL	
lling Agent	Gal/Lb I							DET		
eaker cking Agent		n	Total	1	9.0 T	otal	1.0	KA	13200	
fpac Balls	Gai/Lb _ Qty								110	<i></i>
			Ordered		198	Hydraulic Avail.		Head	"CHIT	'n.
er						Avall.				
erer			Treating			Average R	ates in Bl	SW .	- 1	F
er						Average R Disp. Cement I		PM Overall e		ř.
erererer	No. Committee Co		Feet 45			Average R Disp. Cement I Reason	eft in Pip	Overall SHOE	JOINT	· ·
ge Sacks Cement	Bulk/Sks		Feet 4			Average R Disp. Cement I Reason	eft in Pip	Overall SHOE	JOINT	
ge Sacks Cement 200 HLC PP		% CC - 1/4# FLOC	Feet 45 Ceme Additives ELE			Average R Disp. Cement I Reason	eft in Pip	Overall SHOE W/Rq.	JOINT	Lbs/Gal
ge Sacks Cement 200 HLC PP	39		Feet 45 Ceme Additives ELE			Average R Disp. Cement I Reason	eft in Pip	Overall SHOE	JOINT	Control of the Control
ge Sacks Cement 200 HLC PP	39	% CC - 1/4# FLOC	Feet 45 Ceme Additives ELE			Average R Disp. Cement I Reason	eft in Pip	Overall SHOE W/Rq. 11.45	JOINT Yield [2.07	Lbs/Gal 12.30
ge Sacks Cement 200 HLC PP 150 PREM PLU	39 JS 29	% CC - 1/4# FLOC % CC - 1/4# FLOC	Feet 48 Ceme Additives ELE ELE	ent Dar	e	Average R Disp. Cement I Reason	eft in Pip	Overall SHOE W/Rq. 11.45 6.30	Yield 2.07 1.34	Lbs/Gal 12.30 14.80
ge Sacks Cement 200 HLC PP 150 PREM PLU	JS 29	% CC - 1/4# FLOC % CC - 1/4# FLOC	Feet 48 Ceme Additives ELE ELE	ary	a.	Average R Disp. Cement I Reason	eft in Pip	SHOE W/Rq. 11.45 6.30	Yield 2.07 1.34	Lbs/Gal 12.30 14.80
ge Sacks Cement 200 HLC PP 150 PREM PLU ulating akdown Returns-Y	Displacen MAXIMUN Lost Retu	% CC - 1/4# FLOC % CC - 1/4# FLOC nent //	Feet 45 Ceme Additives EELE EELE Summ	ary Preflu	ash: B	Average R Disp. Cement I Reason	eft in Pip	Overall SHOE W/Rq. 11.45 6.30 Type: Pad:Bbl-G	JOINT Yield 2.07 1.34	Lbs/Gal 12.30 14.80
ge Sacks Cement 200 HLC PP 150 PREM PLU ulating akdown Returns-Y Rtm#Bbl 15	Displacen MAXIMUN Lost Retu Actual TO Frac. Gra	% CC - 1/4# FLOC % CC - 1/4# FLOC nent ment mrns-N	Feet 48 Ceme Additives ELE ELE	ary Preflu Load Exces Calc.	ush: B & Bkdn: Ga ss /Return B TOC:	Average R Disp. Cement I Reason Bi Bi Bi BBI BI	eft in Pip	Overall SHOE W/Rq. 11.45 6.30 Type: Pad:Bbl-G Calc.Disp Actual Dis	JOINT Yield 2.07 1.34 Gal Bbl	Lbs/Gal 12.30 14.80
ge Sacks Cement 200 HLC PP 150 PREM PLU ulating akdown Returns-Y Rtm#Bbl 15	Displacen MAXIMUM Lost Retu Actual TO	% CC - 1/4# FLOC % CC - 1/4# FLOC nent ment mrns-N	Ceme Additives ELE ELE Summ	ary Preflu Load Exces Calc. Treati	ush: B & Bkdn: Ga ss /Return B TOC: ment: Ga ent Slurry B	Average R Disp. Cement I Reason BI al - BBI BI BI BI BI BI	eft in Pip	Overall SHOE W/Rq. 11.45 6.30 Type: Pad:Bbl-C Calc.Disp	JOINT Yield 2.07 1.34 Gal Bbl	Lbs/Gal 12.30 14.80
ge Sacks Cement 200 HLC PP 150 PREM PLU ulating akdown Returns-Y Rtm#Bbl 15 age in: Instant Ring #1	Displacen MAXIMUN Lost Retu Actual TO Frac. Grac 5 Min.	nentnentnentnentnentnentnent	Feet 45 Cerne Additives ELE ELE Summ	ary Preflu Load Exces Calc. Treats Ceme	ta. ush: B & Bkdn: Ga ss /Return B TOC: ment: Ga ent Slurry BI Volume BI	Average R Disp. Cement I Reason BI al - BBI BI	1,490° 74 / 36 149.00	SHOE W/Rq. 11.45 6.30 Type: Pad:Bbl - Calc.Disp Actual Disp Disp:Bbl	JOINT Yield 2.07 1.34 Gal Bbl D.	Lbs/Gal 12.30 14.80
ge Sacks Cement 200 HLC PP 150 PREMPLU ulating akdown Returns-Y Rtm#Bbl 15 age In: Instant	Displacen MAXIMUN Lost Retu Actual TO Frac. Grac 5 Min. Frac F	nentnentnentnentnentnentnent	Feet 45 Cerne Additives ELE ELE Summ	ary Preflu Load Exces Calc. Treats Ceme	ush: B & Bkdn: Ga ss /Return B TOC: ment: Ga ent Slurry B	Average R Disp. Cement I Reason BI al - BBI BI	1,490° 74 / 36 149.00	Overall SHOE W/Rq. 11.45 6.30 Type: Pad:Bbl-G Calc.Disp Actual Dis	JOINT Yield 2.07 1.34 Gal Bbl D.	Lbs/Gal 12.30 14.80

	ALLIBURTON JOB LOG					TICKET # 3162480	07/02/04						
n ntral Ope	atior	15		NWA/COU Mid C	ontitnent	/USA		MC/Ks	STANTON	***************************************			
LIO101		30126	1	H.E.S EMPI	H.E.S EMPLOYEE NAME Scott Green			PSI DEPARTMENT Cement					
ERAL				COMPANY BP AN	IERICA			CUSTOMER REP / PHONE DAN DEER 806-255-8045					
AMOUNT 355.02				WELL TYPE		1 Oil		APIOWI # 15-187-21035-		33-6043			
ocation sees, Ks				DEPARTMENT Ceme	nt			JOB PURPOSE CODE					
TZMAN		Well	No. 5	SEC / TWP /	RNG 5 - 40W			HES FACILITY (CLOSEST TO Liberal Ks	ent Surface Casing				
ww.ewp*(exposu en, S 3012(HRS HESE	P NAME/EMP#	(EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSI		S HES EMP NAME/EMP # (EXPOSURE HOUR	(S) HF			
hant, C 24			19			-			<u> </u>				
hire, IM 19			19		***************************************	十十			 				
	62250	an and the second		22.50 M 18		П							
ert T	ime	Rate	' Vol	ume R	ate Pr	ess.(PS	in l	Joh Dae	cription / Remarks				
<u>, </u>		(BPM)	(BBL)	SAL)	NZ CSG	Market Contractions	bg	JUL DES	copuon / Remarks				
	600 630		+	_			Called for						
	900							afety meeting location, perform io	b site assessment, mo	ve			
	120		\bot	$-\mathbf{I}$			HES unit	& bulk truck on & ri	g-up same. Rig circ. O	n T.D.			
	115		+	\dashv		-	Discuss jo	ob & RAT w/- co-rep IH w/- 8 5/8" casing	s. Rig TOOH & laydow	m DP			
21	40			二				setting depth					
	50 55			-			Rig-up ce	ment head					
	10		1	-	2500	-	Rig unable	e to break circulation S line & attempt to	n, pressuring up on ca	sing			
	30						Lay down	cement head, inspe					
	00 30		+-		-		Wait on ca	sing crew					
	10							of 8 5/8" casing or w on location	location				
03			-				Rig-up cas	ing crew					
04			+	+		-		down 8 5/8" casing					
08							Float equipment on location Finish laying down casing						
08				+		-		casing crew					
100	_		\vdash	\dashv	<u> </u>	+	RIH for wip	er trip					
10:		·					тоон	1					
110			 	-	+		Rig-up to n						
121	5							l wi- 8 5/8" casing etting depth					
121	_					<u> </u>	Load top pl	ug in coment head					
123			_	\dashv	 	 	Rig-up cem Safety meet	ent head / Break cir	culation				
124	_				2500		Pressure te						
124		7.0 7.0	74.0 36.0		150		Mix & pump	200sx lead slurry (D 12.3#	O CC			
125		·.v	30.0	+	150/240	 -	Mix & pump Stop pumpi	150sx tail slurry @	14.8#				
130							Drop top plu	ıg	<i>b</i>	TO .			
130	-	.0/7.0 7.0		+-	150	<u> </u>	Displace w/-			A. 100			
130	3	2.0	30.0	士	200/100		Slow rate	nt caught cement					
131	_		39.0		200/660		Bump plug						
131	-		·	+	785		Bleed off / F	loat leaking essure & bleed off /					
131							End job / 151	bbl cement returns	Float holding o surface				
	+			-					,				
	士			+	 		Thanks for c	alling Halliburton, L	iberal				
	T						OTOLI G. OTEV						
	+			+									
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HALLBURTON	3164571		07/04/04										
Central Operations	t/USA		BDA / STATE MC/Ks		STANTON								
MBU ID / EMPL # MCLI0110 / 198516	MCLI0110 / 198516 Jason Clemens						PSI DEPARTMENT Cement						
LIBERAL	CUSTOMER REP / PHONE												
TICKET AMOUNT \$7,348.79	307	DAN DEER 806-255-8045 APPUWII #											
WELL LOCATION	02 Gas DEPARTMENT			15-187-21035-000 SAP BOMB NUMBER									
ULYSSES LEASE NAME	Well No. SEC / TWP / RNG			7523 Cement Production Casing HES FACILITY (CLOSEST TO WELL SITE)									
HEITZMAN	5 36 - 28S - 40W			Liberal, l		· · · · · · · · · · · · · · · · · · ·							
HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	T		HRS			HRS					
Lemieux, M 266575	5.0												
Berumen, E 267804 4	4.0												
H.E.S. UNIT#S/(R/TMILES) R/TM	MILES	R/T MILE:	S		R/T MILES	<u> </u>		R/T MILES					
10547690 14 10251403 14													
10244148-10286731 43			· ·					_					
Form. Thickness Fron	Type:To	ICa	led Out To	On Locatio	n Lloh	Started	Lloh C	ompleted					
	Set At	Date	7/4/2004	7/4/20	04	7/4/2004	7/	4/2004					
Retainer Depth	Total Depth	Time	1000	1400		1710	17	50					
Tools and Acces Type and Size Qty			New/Used	Well D	ata Size Grade	From I	То	Max. Allow					
Float Collar Float Shoe	H	Casing	N	15.5#	51/2"	0	2,647	IVIAX. AllOW					
Centralizers 6	O W	Liner Liner	_										
Top Plug 1 HEAD 1	н о	Tubing											
Limit clamp 1	0	Drill Pipe Open Hole			7 7/8*			Shots/Ft.					
Weld-A 1 Guide Shoe IFS 1	W	Perforation Perforation						Onote/1 c.					
BTM PLUG		Perforation	S										
Mud Type Materials Mud Type Densi	ityLb/Gall	1 10000000	ocation (Detating Date	lours Hours								
Disp. FluidDens Prop. TypeSize	sityLb/Gal Lb	7/4	3.5	714	1.0	Cement P	roduction	Casing					
Prop. Type Size	Lb					***							
Acid Type Gal.	%						R						
Surfactant Gal. NE Agent Gal.	In In												
Fluid Loss Gal/Lb	In						OF !	EN CO					
Fric. Red Gal/Lb	in in		-			-Ko		200					
Breaker Gal/Lb G	al/Lb	Total	3.5	otal	1.0		S Mr.	«ujķ					
	ity.			Hydraulic	Horsepower			4 Tra					
Other		Ordered		Avail.	ates in BPN	Used							
Other		Treating		_Disp.		Overall							
Other		Feet O		· Cement I Reason	eff in Pipe	SHOE	IOINT						
							-~1111						
Stage Sacks Cement Bulk/		<u>Cement</u> Additives	Data			W/Rq.	Yield	I ko/C-i					
1 410 HLC PP	1/4# FLOCELE	1 1 1 1 1 1 1				11.41	2.04	Lbs/Gal 12.27					
3													
4						* * X							
Circulating Dis	onlosomont	Summar	V										
BreakdownMA	AXIMUM		reflush: B oad & Bkdn: Ga	BI I		Type:	201	THE REPORT OF THE PROPERTY OF					
Lost Returns-\Lo	est Returns-N	<u> </u>	xcess /Return B	BI _		Pad:Bbl -0 Calc.Disp	Bbl						
Average Fra	ac. Gradient	T	alc. TOC: reatment: Ga	al - BBI		Actual Dis Disp:Bbl	p.	63					
		7	ement Slurry B otal Volume B	<u> </u>	149.0 212.00								
THE INFORMATION STATE	Hacking #2		Frac Ring#:			rac Ring #4							
THE INFORMATION STATES CUSTOMER REPRESENTATION	D DEKEIN IS CORRE	CT	~		-1/	NA		6					
The state of the s	1 I V In		SIE	NATURE	nell/ (VIII	17						
							$\nabla \Gamma$	J					

TICKET# TICKET DATE HALLIBURTON JOB LOG 07/04/04 3164571 COUNTY **Mid Contitnent/USA Central Operations** MC/Ks STANTON IBU ID / EMPL# H.E.S EMPLOYEE NAME PSL DEPARTMENT MCLI0110 / 198516 Jason Clemens Cement **BP AMERICA** LIBERAL **DAN DEER** 806-255-8045 \$7,348.79 02 Gas DEPARTMENT WELL LOCATION JOB PURPOSE CODE ULYSSES ZI Cement Production Casing SEC/TWP/RNG **36 - 28S - 40W** HEITZMAN Liberal, Ks ES EMP NAME/EMP # (EXPOSURE HOURS) HRS HES EMP NAME/EMP # (EXPOSURE HOURS) HRS HES EMP NAME/EMP # (EXPOSURE HOURS) HRS HES EMP NAME/EMP # (EXPOSURE HOURS) HRS Clemens, A 198516 Lemieux, M 266575 Berumen, E 267804 Rate Chart Volume Rate Time Press.(PSI) Job Description / Remarks No. N2 CSG. (EPM) 1000 **CALLED FOR JOB** 1300 **ARRIVE ON LOCATION** 1315 PREJOBSAFTEY MEETING 1330 SPOT EQUIPMENT 1400 START CASING 1645 CASING ON BOTTOM CIRCULATE W/ RIG 1710 2500 PRESSURE TEST 1713 6.0 0 - 149250 START CEMENT 410 SKS (HLC PP) MIXED @ 12.3# 1733 7.0 149.0 300 END CEMENT IIII DROP PLUG 1734 **WASH LINES** 1737 7.0 0-63 300 START DISPLACEMENT 1737 7.0 1.0 300 **CAUGHT CEMENT** 1746 2.0 53.0 700 SLOW RATE 1749 2.0 63.0 1325 LAND PLUG //// FLOAT HELD 1756 **END JOB** 725 PRESSURE BEFORE LANDING PLUG THANK YOU FOR CALLING HALLIBURTON

JASON & CREW

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