

5952

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINA L September 1999
September 1999
Form must be Typed

093-21831-6080

Form ACO-1

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

API NO. 15-

Operator: License # 5952	API NO. 15- 093-21831-6080
Name: BP AMERICA PRODUCTION COMPANY	County KEARNY
Address P. O. BOX 3092, WL1-RM 6.128, WL-1	<u>srnw</u> - <u>sw_</u> Sec. <u>4</u> Twp. <u>24s_</u> S.R. <u>35w</u> [] E 🗶 V
City/State/Zip HOUSTON, TX 77253-3092	1390' FSL Feet from S/N (circle one) Line of Section
Purchaser:	Feet from E/W (circle one) Line of Section
Operator Contact Person: DEANN SMYERS	Footages Calculated from Nearest Outside Section Corner:
Phone ( 281) 366-4395 CONTIDE	Footages Calculated from Nearest Outside Section Corner:  (circle one) NE SE NW
Contractor: Name: Trinidad Drilling, LP RECEIVED	Lease Name <u>PARROW</u> Well #
License: 33784 KANSAS CORPORATION COMMISS	Field Name HUGOTON
Wellsite Geologist: Jennifer McMahon NOV 2 1 2008	Producing Formation CHASE
Designate Type of Completion  CONSERVATION DIVISION WICHITA, KS	Elevation: Ground 3091 Kelley Bushing 3103
New Well Re-Entry Workover	Total Depth 2980 Plug Back Total Depth 2861
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
	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 N/A
Operator:	If Alternate II completion, cement circulated from N/A feet depth tow/
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 ppm Fluid volume bbls
Plug Back Plug Back Total Depth	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
08/10/08 08/12/08 10/07/08	Quarter Sec Twp S R E [
Spud Date or Recompletion Date  Date Reached TD Completion Date or Recompletion Date	County Docket No
Kansas 67202, within 120 days of the spud date, recompletion, worlnformation on side two of this form will be held confidential for a per 82-3-107 for confidentiality in excess of 12 months). One copy of all	rith 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. riod 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
L	h all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Julate the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	water the on and gas industry have been fully complied, with and the statements
Signature Dollan Snyan	KCC Office Use ONLY
	<u>/17/08</u>
Subscribed and sworn to before me this // day of / 1/1/1	Letter of Confidentiality Attached  If Denied, Yes Date:
2008 SUZAN	INE M. JONES Wireling Log Passived
Notary Public And Co	wblic, State of Texas mmission Expires Geologist Report Received
Date Commission Expires /-//-20	uary 11, 2009 UIC Distribution

Side Two

Operator Name BP AN	ERICA PRODU	CITON COME	PANY		Lease N	lame	BARROW		Well #	4
Sec. 4 Twp. 248	5 S.R. <u>35</u> W	☐ East	X West	:	County	_K	EARNY			****
INSTRUCTIONS: Sho tested, time tool open a temperature, fluid reco Electric Wireline Logs s	and closed, flow very, and flow	ing and shut- rates if gas	in pressure to surface	es, wh e dur	nether shut ing test.	t-in p	ressure read	hed static level, I	nydrostatic p	ressures, bottom h
Drill Stem Tests Taken (Attach Additional St	neets.)	☐ Yes	X No		x L	.og		Formation (Top),	Depth and D	atums San
Samples Sent to Geolog	ical Survey	X Yes	☐ No		Name			Тор	Da	tum
Cores Taken	\	☐ Yes	X No							
Electric Log Run (Submit Copy.)	\	V x Yes	☐ No		HERRING	TON		2490	KE	1
ist All E.Logs Run:					TOWANDA			2607	KE	1
COMPENSATED SPECTS	RAL NATURAL	GAMMA RAY-	-8/12/200	8	FORT RI			2664	KE	<b>,</b>
					COUNCIL	GER(	OVE	2768	KE	1
Ourpose of String	Size Hole Drilled	CASING t all strings se Size Ca Set (In C	sing	r, surf	New			n, etc.  Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE		8-5/8"		24	<b>‡</b>		9381		485	
PRODUCTION		5-1/2"	OITIONAL C	15.			2862 ' ZE RECORD	<u> </u>	415	
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom		f Cement	ĭ	Sacks Use		ZE NEOONE	Type and Pe	rcent Additiv	res
Shata Day Faat	PERFORATION	RECORD - B	Bridge Plugs	Set/	Гуре		Acid, Fractu	re, Shot, Cement S	qeeze Reco	
Shots Per Foot	Specify Foot	age of Each I	nterval Perf	orated	d .	4	(Amount and	d Kind of Material U	/sed)	Depth
4	2608-2628,	2670-2690	(Chase)	9/09	/2008		FRAC CHA	SE 9/10/08		
	2794-2814 (	CG) 9/09/2	2008				ACDZ CG T	W/3000 GALS CO	CA ACD 9/	9/08
UBING RECORD	Size	Set At		Pa	icker At		Liner Run	☐ Yes 🗶	No	
ate of First, Resumed	Production, SV	VD or Enhr.	Produc			Pur	mping G	as Lift   Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 66 mcf		VIcf VV	/ater	Bbls.	Gas-Oil F	Ratio	Gravity
sposition of Gas:	METHOD C	F COMPLET						Production Interv	al al	
Vented X Sold (If vented, submit A	Used on Le	ease [	Open H	ole [3	Perforat	ion	Dually C	omp. 🔲 Comming	gled	
(ii voineu, subiiili M	- 10. <i>j</i>	ſ	Other (	Speci	fy)					

# Cementing Job Summary

				The Road	d to E	xcelle	ence S	tarts w	rith	Safety	,					
Sold To #:				<b>) #:</b> 267.			Qı	iote #:					Sale	s Orde	r#: 60	86994
Customer:	BP AMERI	CA PR	ODUCTIO	ON COM	PANY	,	Cı	stome	r R	ep: Kn	owles.	Anth	onv			
Well Name:	Barrow				Well	#: 4				<del></del>			WI #:			
Field: HUG	OTON-	C	ty (SAP):	LAKIN	**	Cou	intv/P	arish: k	(ea	rnv				e: Kans	26	
PANOMA C	OMMINGL		,							,			Diat.	C. Mans	as	
Contractor:	TRINIDA	D		Ria/P	latfor	m Nai	me/Nu	m: 216				~	1	<del>:C</del>		
Job Purpos	e: Cemen	t Produ	iction Cas	ina								MO	/ 4 7	2008		
Well Type:					vne:	Ceme	nt Pro	duction	Ca	sina		NU	<u> </u>	ZUUÖ		
Sales Perso				Srvc S				adollon	Oa.	Siriy	MPI		EID	ENTI	<u> </u>	<del></del>
				101101	Jupei		Perso	nnol			ויטפוזון	<i>D</i> C	mp#		· · · · · · · · · · · · · · · · · · ·	<del></del>
HES Emp	Name	Exp Hr	s Emp#	HE	S Em	p Nam										
ARCHULET		4.5	226381	BERU				Exp Hrs 4.5		<b>mp #</b> 37804			mp N		Ехр Н	
MIGUEL A		1.0	220001	DE NO	VILIA,	LUUAI		4.5	20	27004	DEET	Z, D	UNAL	DE	4.5	38985
HUTCHESC	N,	4.5	428969	LOPEZ	Z. CAF	RLOS		4.5	32	21975					<del> </del>	
RICKY G							l		-							
						Eq	uipme	nt							<u> </u>	
HES Unit #	Distance-	1 way	HES Unit	# Dis	tance	-1 way		S Unit	#	Distan	ce-1 wa	av T	HFS	Unit#	Diet	ance-1 wa
10010921C	85 mile		10240236	85 m	nile			240245		85 mile		_	10704		85 m	
10866807	85 mile		10897801	85 m	ile	·	108	397879	-	85 mile		$\dashv$	10949		<u> </u>	
D0131	85 mile					<del></del>		Service   Go Hillio				10070		85 mile		
	<u> </u>					lai	h Hass				<del></del>				L	
Date	On Locati	on O	perating	Date	——		b Hou			<del></del>						
Dute	Hours	1 '	Hours	Date	1		ocatior ours	- P -	erating Date Hours		e e	O	n Locati	on	Operating	
8-12-08	4.5	_	2			- 110	Juis	<del>                                     </del>	Out	rs			$\perp$	Hours		Hours
TOTAL		<del></del>		<u> </u>			Total	is the su		of cook	00/1100					
	randa s	**************************************	Job	<del></del>	····		Total	13 1/16 30		UI GACII	COIUIIIII					
Formation Na		A. I. S.					<del></del>	-		<del></del>			Tim			
Formation De		OD		Bot	tom I			Called	10	.,4	<del></del>	Date		Tim		ime Zone
orm Type		<u>- 1</u>	ВНЅ			<u> </u>		On Lo					2008 2008			CST
lob depth MD	2	990. ft		Depth TV	'n	28	366. ft	Job S								CST
Vater Depth				It Above			4. ft			pleted	12 - A		2008			CST
Perforation De	epth (MD) F	rom	1	То	<del>1 100.</del>		7. 11.	Depar			13 - A			<del></del>		CST
	1 1 1 1				<u>.</u>	We	II Data		ieu	LUC	13-4	uy -	2000	00:2	:U	CST
Description	New /	Max	Size	ID	Wei			hread		G	rade	<b>T</b>	MD	5-44-		T=
•	<b>I</b>	press		in	Ibm	~ 1	•	meau		الح	aue	٠.	MD	Botton		- 1
		psig	!							ļ			t	MD ft	ft	- (
Production Hol	e			7.875								92	20.	2820.	- 11	ft
Production	New		5.5	5.012	15.	5	8 RI	) (LT&C	)	J	-55			2820.	-	
Casing																
Surface Casing	New		8.625		24		8 RI	) (ST&C	)	J	-55			920.		
			<u> </u>		ales/F	Rental	1/3 <sup>rd</sup> Pa	arty (HE	ES)							
			Descri							Qty	Qty u	om	Dep	th	Sup	plier
LUG,CMTG,T				MA			****			1	EA	· ·				-
HOE,IFS,5-1/2	·									1	EA					
ILUP ASSY,1.			_				CEIVE			1	EA					
TRZR ASSY,5			OLE,HING	ED	KANSA			COMMISSI	ΩN	10	EA					·
OLLAR-STOP		ogs				NO: ·	A 4 =			1	EA	1				
IT,HALL WELI	D-A					NUV	2 1 2	<del>)08</del>		1	EA		• • • • • • • • • • • • • • • • • • • •	_		
										l			DE	FIVED	·	

CONSERVATION DIVISION WICHITA, KS

RECEIVED KANSAS CORPORATION COMMISSION

NOV 2 1 2008

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Tuesday. August 12. 2008 23:42:00

# Cementing Job Summary

Type	Si	ze	Qty	Make	Depth	Type	Tools an			Depth	T	Type	Siz	0	ty	Make
Guide Sho						Packer	0.20	<u> </u>	Marc	Deptii	Top I		312	- W	ιy	IVIAKE
Float Sho	,					Bridge Plug	<del>                                     </del>				<del></del>	om Plug	<del> </del>			<del> </del>
Float Coll	ar					Retainer						plug set	<del> </del>			
Insert Floa	it											Container				
Stage Too												ralizers	ļ			
						N	liscellan	eous N	aterial	s			<u></u>			L
Gelling Ac	t			Cor	10	Surfac			Con	· · · · · · · · · · · · · · · · · · ·	Acid	Туре		Qty	- 10	onc %
Treatment	Fld			Cor	nc	Inhibit	or	<del></del>	Cone	c		Type		Size		ty
				•			Fit	uid Data	3		1			J.EC	5.2	
Stage	/Pluc	#: 1		***************************************						<del></del>				i ence della		
	tage				Flui	d Name	*	Qty	Qty	Mix	ing	Yield	Mix	Rate		tal Mix
#	•	••	-					1	uon		sity	ft3/sk	Fluid	bbl/min		
								1	1	lbm	- 1		Gal/sk		' ''	u Galisi
1 Wa	ter Sp	oacer						5.00	bbl		33	.0	.0	5.0	<del> </del>	
2 Tai	Slur	ry	E)	(TEND	ACEM (T	M) SYSTEM	(452981)	415.0	sack	s 12	.3	2.03	11.29	5.0	<del>                                     </del>	11.29
0.2	5 lbm	1	PC	DLY-E-	FLAKE (1	01216940)	· · · · · · · · · · · · · · · · · · ·					·		1	L.,	
11.2	88 G	al	FF	RESH V	VATER									<del></del>		
		Wate	r					68.00	bbl	8.3	33	.0	.0	5.0	<u> </u>	
	lacen								1		1			0.0		
	gal/b			AYFIX	II, HALTA	ANK (100003	3729)							<u> </u>		
Calcul	ated	Valu	es		Press	sures					Vo	olumes				
Displacem			68		In: Instar	nt	Lost R	eturns		Ceme	ent Si	urry	T	Pad		
op Of Cer		SUF	FACE				Cemer	t Retur	ns 40	Actua	al Dis	placemen	t 68	Treatm	ent	
rac Gradi		<u> </u>		15 Mi	n		Spacer	rs		Load	and E	Breakdown	1	Total J		223
							F	Rates		ar in the				1,7 3 4	<b>新</b> 罗斯的	Sparing Section
Circulating			5		Mixing		5	Displa	cemen	t	5		Avg. Jo			5
Cement L			<del></del>	nount	42 ft		oe Joint							<del></del>		
Frac Ring	# 1 @		ID	F	rac ring #	‡ 2 @	ID	Frac Ri	ng # 3 (	@	۵I	Fra	c Ring	#4@	T	D
The In	form	atio	n Sta	ated F	lerein Is	Correct	Custom	ner/Repres	Λ.	Signature	- 1	3. P.				

KCC NOV 1 7 2008 CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

NOV 2 1 2008

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Tuesday. August 12. 2008 23:42:00

# Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 307666	Ship To #: 267	2390		Quote #	:	<b>.</b>	Sale	s Order #: 6086994
Customer: BP AMERICA PRO	ODUCTION COM	PANY		Custom	er Rep: k	(nowles, A		
Well Name: Barrow		Well #			· · · · · · · · · · · · · · · · · · ·		I/UWI #:	
	y (SAP): LAKIN	C	ounty/	Parish: I	Kearny			: Kansas
PANOMA COMMINGLED					•			
Legal Description:			-					
Lat:				Long:			·· , ,·	
Contractor: TRINIDAD	Rig/P	latform	Name/N	Num: 21	6		- 1	
Job Purpose: Cement Produc	tion Casing					Ticket	Amount	:
Well Type: Development Well	Job T	ype: Ce	ement P	roduction	n Casing			
Sales Person: HESTON, MYF	RON Srvc S	Supervi	sor:			MBU II	D Emp #	•
			Rate	1			ssure	
Activity Description	Date/Time	Cht	bbl/	1	lume	i i	sig	Comments
			min		bbl		3	47, 241, 271, 331,
	<u> </u>	#		Stage	Total	Tubing	Casing	
Start Job	08/12/2008							STABBED CEMENT
	21:40					İ		HEADAND SWITCHED
		<u> </u>						LINES OVER
Test Lines	08/12/2008		İ			Í	3000.	WHEN TESTING LINES
	21:42		l				0	WE NOTICED A LEAK
								ON OUR PMP TRUCK.
						Ì		WE FIXED IT AND
			}					CONTINUED AS PLANNED
Pump Spacer 1	08/12/2008		4	5	<del> </del>	<b></b>		5bbls water spacer
	21:45		•				i	Subis water spacer
Pump Cement	08/12/2008		4.5	150		<del> </del>	150.0	EXTENDACEM 415 sks
	21:51							mixed @ 12.3#
Clean Lines	08/12/2008				155			washed lines out to pit
	22:18							
Drop Top Plug	08/12/2008							
D. ma Diaglas and	22:20				W.C	C		
Pump Displacement	08/12/2008		5	68.2	NOV 1	2008		FERSH WATER/ 2%
Other	22:21		_		LINU 1	DENT!		KCL
Other	08/12/2008 22:47		2		MO	TIME	il.	SLOW DOWN RATE
	22.41				COMPI	المارا		LAST 20 bbl TO 2BPM
								THEN STAGE LAST 10
Bump Plug	08/12/2008		1				600.0	bbl @ 1bpm
	23:03		. 1				000.0	
Test Tool	08/12/2008				<u> </u>		1200.	TAEST FLOAT
	23:04						0	MESTIESAT
Release Casing Pressure	08/12/2008							FLOAT HELD
-	23:05							
End Job	08/12/2008				223.2			THANK YOU FOR
	23:06		REC	EIVED	iogial)			CALLING
Rig-Down Equipment	08/12/2008	KANSA	S CORPOR	ATION COMM	19811314			HALLIBURTON
	23:45		NOV	1 2008				<b>ENERGY SERVICES</b>
			WIIV /	ı /UUU				

Sold To #: 307666

Ship To #:2672390 CONSERVATION DIVISION WICHITA, KSQueta WICHITA, KSQuote #:

Sales Order #:

6086994

SUMMIT Version: 7.20.130

Tuesdav. August 12. 2008 11:42:00

# Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	1	ume bi	1.	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Depart Location for Service Center or Other Site	08/13/2008 00:20							CARLOS AND CREW

KCC NOV 17 2008 CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

NOV 2 1 2008

CONSERVATION DIVISION WICHITA, KS

Sold To #: 307666

Ship To #:2672390

Quote #:

Sales Order #:

6086994

SUMMIT Version:

7.20.130

Tuesday. August 12. 2008 11:42:00

### Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 307666 Ship To #: 2672390 Quote #: Sales Order #: 6086580 Customer: BP AMERICA PRODUCTION COMPANY Customer Rep: Knowles, Anthony Well Name: Barrow Well #: 4 API/UWI #: Field: HUGOTON-City (SAP): LAKIN County/Parish: Kearny State: Kansas PANOMA COMMINGLED Contractor: TRINIDAD Rig/Platform Name/Num: 216 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: HESTON, MYRON Srvc Supervisor: FERGUSON. MBU ID Emp #: 106154 ROSCOE **Job Personnel HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# BERUMEN. 267804 5.75 FERGUSON, ROSCOE 6.5 106154 LOPEZ, JUAN Rosales 198514 6 **EDUARDO** RODRIGUEZ, 5.75 442125 **EDGAR A Equipment** HES Unit # Distance-1 way HES Unit # Distance-1 way **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way 10244148 85 mile 10415642 85 mile 10866807 85 mile 10897801 85 mile 6612 85 mile D0312 85 mile HTR1108 85 mile **Job Hours** Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 8-11-08 TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Date Time Time Zone Formation Depth (MD) Top Bottom Called Out 10 - Aug - 2008 22:30 **CST** Form Type BHST On Location 11 - Aug - 2008 02:00 CST Job depth MD 941.3 ft Job Depth TVD Job Started 941.3 ft 11 - Aug - 2008 06:19 CST Wk Ht Above Floor Water Depth 4. ft Job Completed 11 - Aug - 2008 07:35 CST Perforation Depth (MD) From To Departed Loc 11 - Aug - 2008 08:45 **CST** Well Data Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in in Ibm/ft MD TVD TVD ft psig ft ft ft Surface Hole 12.25 920. Surface Casing New 8.097 8 RD (ST&C) 8.625 24. J-55 920. Sales/Rental/3<sup>rd</sup> Party (HES) Description Qty Qty uom Depth Supplier PLUG, CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA EA SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD 1 EA VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft 1 EA RECEIVED FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 1 KANSAS CORPORATION COMMISSION EA CENTRALIZER ASSY - API - 8-5/8 CSG X 5 EA CLP,LIM,8 5/8,FRICT,WTH DOGS NOV 2 1 2008 1 EA KIT, HALL WELD-A 1 EΑ

CONSERVATION DIVISION WICHITA, KS

KCC NOV 1 7 2008 CONFIDENTIAL

Summit Version: 7.20.130

## Cementing Job Summary

							Tools	and A	cces	sories	<b>S</b>			<del></del>					
	/pe	Size	Qty	Make	Depth	Type	Size	Qty	M	lake	Depth		Туре		Size	,	Qty		Vlake
	Shoe		1			Packer						Top	Plug				1		
Float						Bridge Plug						Botte	om Plug						
	Collar		<u> </u>			Retainer							plug set						
L	Float		1				<u></u>						Containe	r			1		
Stage	1001		1					<u> </u>				Cent	ralizers				5		
C-11:	- 44			<u> </u>			fiscell	aneou	s Ma			T				T-	· · · · · · ·	·	
Gellin	g Agt nent Fi	<del></del>		Co		Surfac Inhibite			···· · · · · · · · · · · · · · · · · ·	Cond			Туре			Qty			c %
IICau	Hentr	<u> </u>	1	CO	iic į	<b>Prinibile</b>		Fluid	2040	Conc	<u> </u>	San	d Type			Size	L	Qty	
6	tage/P	luce #	. 4				1	riulu	Jala		<del></del>			<del></del>					
Fluid #		ge Ty			Flu	id Name		,	Qty	Qty	1 Den	ing sity	Yield ft3/sk	Mix F Gal		Rate		Total	Mix Gal/sk
1	Water	Den 6	ilush	<del></del>					0.00	hh.		/gal						<del></del>	
2	Lead			EVTENO	ACER /	M) SYSTEM	/AE200	I . `	35.0	bbl			.0			5.0			
	3 %							•		sack	5 12	.3	2.07	11.	45	5.0	i	11.	45
	0.5					RIDE - HI TES	PELL	E1 (10	0005	053)				<del></del>					
						101216940)													
3	11.449			FRESH		(CTEM /4500	00)	1.4	FO 0		1 44								
<u> </u>	Tail S					STEM (4529			50.0	sack	s 14	.8	1.34	6.3	2	5.0		6.3	2
	0.25			····		RIDE - HI TES	PELL	EI (10	0005	<b>053</b> )									<u>.</u>
					<u> </u>	101216940)													
	6.324 Water			FRESH	VATER	·													
4	water Displac		nt					9	7.00	bbl	8.3	33	.0	.0		5.0			
	alculat				Pres	sures		l			L	V	olumes						
	cement	<u> </u>	57	Shut	In: Insta	nt	Lost	Retur	ns	T	Ceme			7	160	Pad		T	
Top O	f Ceme	nt S	URFA	CE 5 Mir	1		Cem	ent Re	turns	25			placeme		57	Treat	men	<u> </u>	
Frac G	radien			15 M	in		Spa	cers		10			Breakdow		<del></del>	Total			227
Rates													······································						
Circula					ing			Dis	place	ment				Ave	g. Jo	b	· · · · · · · · ·		
	t Left In			Amount			oe Joir									······································			
rac R	ing # 1 (	@	JE		rac ring	# 2 @	ID	Fra	c Ring	7#3@	2	JD	Fr	ac Rii	ng #	4@		ID	
The li	nforma	tion .	State	d Herei	n Is Coi	rect	Cu	stom	ef R	epres	entati	ve	ignatur	e					

KCC NOV 1 7 2008 CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

NOV 2 1 2008

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Monday, August 11, 2008 08:24:00

• 3

## Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 307666 Ship To #: 2672390 Quote #: Sales Order #: 6086580 **Customer: BP AMERICA PRODUCTION COMPANY** Customer Rep: Knowles, Anthony Well Name: Barrow Well #: 4 API/UWI #: Field: HUGOTON-City (SAP): LAKIN County/Parish: Kearny State: Kansas PANOMA COMMINGLED Legal Description: Lat: Long: Contractor: TRINIDAD Rig/Platform Name/Num: 216 Job Purpose: Cement Surface Casing **Ticket Amount:** Well Type: Development Well Job Type: Cement Surface Casing Sales Person: HESTON, MYRON Srvc Supervisor: FERGUSON, MBU ID Emp #: 106154 ROSCOE

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl	i .	ssure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	08/10/2008 22:30							
Safety Meeting	08/11/2008 00:15							
Arrive at Location from Service Center	08/11/2008 02:15							TRIPPING OUT OF HOLE WITH DRILL PIPE
Assessment Of Location Safety Meeting	08/11/2008 05:00					KC	200	SPOT TRUCKS, RIG UP
Safety Meeting - Pre Job	08/11/2008 06:06				N	DV 172	NITIAL	WITH RIG CREW
Start Job	08/11/2008 06:19				Ci	HYPIU	.64 ·	
Test Lines	08/11/2008 06:20						-	3450 PSI
Pump Spacer 1	08/11/2008 06:21		4.5	10			20.0	FRESH WATER
Pump Lead Cement	08/11/2008 06:24		4.5	123.5			80.0	335 sks EXTENDACEM (TM) SYSTEM @ 12.3 ppg
Pump Tail Cement	08/11/2008 06:48		4.5	35.8			90.0	150 sks HALCEM (TM) SYSTEM @ 14.8 ppg
Drop Top Plug	08/11/2008 06:57							
Pump Displacement	08/11/2008 06:58		4.5	37			220.0	FRESH WATER
Slow Rate	08/11/2008 07:0 <del>6</del>		2	10	47		275.0	RECEIVED
Shutdown	08/11/2008 07:13						210.0	KANSAS CORPORATION COMMISSIO
Stage Cement	08/11/2008 07:18		1	5	52		260.0	NOV 2 1 2008
Shutdown	08/11/2008 07:23						235.0	CONSERVATION DIVISION WICHITA, KS

Sold To #: 307666

Ship To #:2672390

Quote #:

Sales Order #:

6086580

SUMMIT Version:

7.20.130

Monday, August 11, 2008 08:24:00

# Cementing Job Log

Activity Description	Date/Time	te/Time Cht			ume bl	1	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Stage Cement	08/11/2008 07:28		1	5			278.0	
Bump Plug	08/11/2008 07:33		1				310.0	PRESSURED UP TO 870
End Job	08/11/2008 07:35							THANKS FOR CALLING HALLIBURTON
Safety Meeting - Pre Rig- Down	08/11/2008 07:38							
Rig-Down Equipment	08/11/2008 07:45							
Depart Location for Service Center or Other Site	08/11/2008 08:45							

KCC NOV 1 7 2008 CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

NOV 2 1 2008

CONSERVATION DIVISION WICHITA, KS

Sold To #: 307666

Ship To #:2672390

Quote #:

Sales Order #:

6086580

SUMMIT Version:

7.20.130

Monday, August 11, 2008 08:24:00