INVOICE



DATE	INVOICE #
3/9/2012	2995

BILL TO

SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK. 73102 REMIT TO

EDGE SERVICES, INC. BILLING DEPARTMENT PO BOX 14201 OKLAHOMA CITY, OK 73113

	STARTING D	WORK ORDER	RIG NUMBER	LE/	ASE NAME	Terms
	3/7/2012	WO #2502	UNIT 310	НОР	KINS 1-14 H	Due on rec
	X	Description			Amou	unt
DRILLED 6' OF 7 FURNISHED 90' FURNISHED WE FURNISHED GRO	OF 20" CONDUCT LDER AND MATEI OUT - 9 YARD OF (A 6' TINHORN CELLAR FOR PIPE RIALS				22,650.00
Thank you for you	r business.				TOTAL	\$22,650.00

ATTENTION: IMPORTANT REGULATORY DOCUMENT retain for your records and file with

appropriate agency.

Cementing Job Summary

HALLIBURTON

The Road to Excellence Starts with Safety Sold To #: 305021 **Ship To #**: 2915916 Quote #: Sales Order #: 9367724 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Edwards, Tripp Well Name: Hopkins Well #: 1-14H API/UWI #: Field: City (SAP): ANTHONY County/Parish: Harper State: Kansas Legal Description: Section 14 Township 35S Range 7W Contractor: Unit Drilling * Rig/Platform Name/Num: unit 310 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: CRAWFORD, ROBERT Srvc Supervisor: SMITH, DUSTIN MBU ID Emp #: 484672 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Emp# Exp Hrs SMITH, DUSTIN 0.0 484672 Shawn Equipment HES Unit # Distance-1 way HES Unit# HES Unit# Distance-1 way Distance-1 way **HES Unit #** Distance-1 way Job Hours Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 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 Form Type BHST On Location Job depth MD 2500. ft Job Depth TVD 2510. ft Job Started Water Depth Wk Ht Above Floor 5. ft Job Completed 14 - Mar - 2012 02:00 **GMT** Perforation Depth (MD) From To Departed Loc Well Data Description Max Thread New / Size ID Weight Grade Top MD **Bottom** Top **Bottom** Used pressure MD in in Ibm/ft **TVD TVD** ft psig ft ft ft Surface Casing 12.25 2000. 2500. Open Hole Lower Surface Open 12.25 600. 2000. Hole Conductor Casing Unknow 13.375 12.515 61. **BTC** 600. n Surface Casing Unknow 9.625 8.921 36. J-55 2500. n **Tools and Accessories** Type Make Depth Size Qty Type Size Make Depth Type Size Make Qty Guide Shoe Packer Top Plug Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Plug Container Insert Float Stage Tool Centralizers Miscellaneous Materials Gelling Agt Conc Surfactant Conc Acid Type % Qty Conc Treatment Fld Conc Inhibitor Conc Sand Type Size Qty

Summit Version: 7.3.0021

Stage/Plug #: 1

XXX, XXX 00, 0000 00:00:00

Fluid Data

Summit Version: 7.3.0021

Cementing Job Summary

Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	halliburton light	EXTEN	DACEM (TN) SYSTEM (452981)		sacks	12.4	2.33	12.79		12.79
	3 %	CALCIL	JM CHLORII	DE, PELLET,	50 LB (1	01509387	7)	1			1	
	0.25 lbm		E-FLAKE (10			THE RESERVE OF THE PARTY.						
	12.794 Gal		WATER									
2	Standard	CMT - 3	STANDARD 684)	CEMENT			sacks	15.6	1.2	5.32		5.32
	94 lbm	CMT -	STANDARD	- CLASS A R	EG OR 1	YPE I, BI	ULK (10	0003684)				
	2 %	CALCIL	UM CHLORIDE, PELLET, 50 LB (101509387)									
	0.125 lbm	POLY-	E-FLAKE (10	1216940)								
	5.319 Gal	FRESH	WATER									
Ca	Iculated Values		Press	ures				V	olumes		8.7	1 et 1
Displa	cement	Shi	ut in: Instant	t	Lost Re	eturns		Cement S	lurry		Pad	
Top Of	Cement	5 N	lin		Cemen	t Returns	3	Actual Di	splaceme	ent	Treatn	nent
Frac G	radient	15	Min		Spacer	s		Load and	Breakdo	wn	Total	lob
					R	ates						
Circu	ating		Mixing			Displac	ement			Avg. J	ob	
Cem	ent Left In Pipe	Amour	t 40 ft R	eason Shoo	e Joint							
Frac F	Ring # 1 @	ID	Frac ring #	2@	ID	Frac Rin	g#3@	11) F	rac Ring	#4@	ID
Th	e Information	Stated	l Herein Is	Correct	Custom	er Represe	ntative Si	gnature	5	4		

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #	4 : 2915916	Qu	ote #:	S	ales Order #: 9367724
Customer: SANDRIDGE B			Cu	stomer Rep: E	Edwards, Tripp	
Well Name: Hopkins		Wel	#: 1-14H		API/UW	l #:
Field:	City (SAP): A	NTHONY	County/Par	ish: Harper	St	tate: Kansas
Legal Description: Section	n 14 Township	35S Range	e 7W			
Lat: N 0 deg. OR N 0 deg.	. 0 min. 0 secs		Loi	ng: E 0 deg. C	OR E 0 deg. 0 n	nin. 0 secs.
Contractor: Unit Drilling *		Rig/Platfor	m Name/Nu	n: unit 310		
Job Purpose: Cement Sur	face Casing				Ticket Amo	ount:
Well Type: Development \	Vell	Job Type:	Cement Surf	ace Casing		
Sales Person: CRAWFOR	RD, ROBERT	Srvc Super	visor: SMIT	H, DUSTIN	MBU ID Em	ıp #: 484672
			Rafa		Pressure	2

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	03/20/2012 14:28							Dustin Smith, Andrew Crawford
Pre-Convoy Safety Meeting	03/20/2012 14:40							Discuss route
Depart from Service Center or Other Site	03/20/2012 14:50							Called dispatch and started JM
Arrive At Loc	03/20/2012 18:00							Ended JM
Assessment Of Location Safety Meeting	03/20/2012 18:10							Talked to company man
Pre-Rig Up Safety Meeting	03/21/2012 03:00							Spotted in trucks
Pump Tail Cement	03/21/2012 03:40		5	58			175.0	275 Sacks, 15.6 lb, 1.2 yeild, 5.34 Water Standard
Drop Plug	03/21/2012 03:50							Tony Travis
Rig-Up Completed	03/21/2012 03:50							Stabbed head and changed over iron
Pump Displacement	03/21/2012 03:50		4	190			800.0	145 bbls cement to surface
Safety Meeting	03/21/2012 03:55							Dicuss job details
Pressure Test	03/21/2012 04:10							1500 PSI
Pump Water	03/21/2012 04:10		7	10			235.0	Fresh Water
Pump Lead Cement	03/21/2012 04:20		8	298			300.0	720 Sacks, 12.4 lb, 2.33 yeild, 12.79 Water HLC
Bump Plug	03/21/2012 05:40						1500. 0	
Check Floats	03/21/2012 05:43							1 bbl back
Pre-Rig Down Safety Meeting	03/21/2012 05:45							Discuss hazards and job duties

Sold To #: 305021

Ship To #:2915916

Quote #:

Sales Order #:

9367724

SUMMIT Version: 7.3.0021

XXX, XXX 00, 0000 00:00:00

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl			sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Rig-Down Completed	03/21/2012 06:30							
Pre-Convoy Safety Meeting	03/21/2012 06:35							Discuss routes and JM
Depart Location for Service Center or Other Site	03/21/2012 06:45							Called dispatch and started JM

Sold To #: 305021

Ship To #:2915916

Quote #:

Sales Order #:

9367724

XXX, XXX 00, 0000 00:00:00

ATTENTION: IMPORTANT REGULATORY DOCUMENT,

HALLIBURTON

retain for your records and file with appropriate agency.

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #:	3050	21		Ship T	o #	: 291591	16		Quo	te #:				Sa	les	Order :	#: 9	3870	34	
Customer:	SAN	DRIDG	E ENE	RGY IN	CE	BUSINES	SS	1	Cust	omer	Rep: E	dwa	ards, Tr							-
Well Name								1-14H						UWI:	#-					_
Field:			Cit	v (SAP	: Al	NTHONY		Count		sh: H	arner		p 11 11			Kansa	9	19)		
Legal Desc	riptio	n: Sec							y/1 0.11		агрог	-		00	uto.	ransa	0			
Contractor				1011110		Rig/Plat			Alum	· Unit	310						-			
Job Purpos				odiata C			ioiiii	Ivaille	Muiii.	. Offic	310									
Well Type:				ediate C			a. Ca			1! - 4 -	0									
				DODED		Job Typ								_	144					
Sales Perso	on: C	KAVVE	ORD,	KOREK	1	Srvc Su					RYAN		MBU ID	Emp	#:	453194	1			
				-				Job Pe						9						
HES Em			Exp Hrs					Vame		p Hrs				Emp				Hrs	Emp #	
AIRINGTO		-	8	49732	2	MCKEEV	ER, I	ERRY	5	9	514733	3	TIPTON	, DAN	INY	/	5		331910)
VAUGHAN		N	8	45319	1	John			+			+	9							
Nicholas	,	As so	Ü	40010	1															
								Equi	pmen	t			7.0			10	TH.			
HES Unit #	Dis	stance-1	way	HES Ur	nit#	Dista	nce-1			S Unit	# Dis	tand	e-1 way	Н	FS I	Init #	Di	stanc	e-1 wa	v
						1 -10 1511				-	2.0	-	o i way	1		1110 11		Otarre	0 1 114	у
								loh l	Hours											
Date	On	Locatio	n O	perating	Т	Date		On Loc			erating	Т	Date		On	Location	20	Or	erating	
Duto		Hours	control	Hours		Date		Hou			lours		Date			Hours	ווכ		dours	į
3/27/12	+	8		1	+			1104		 	Touro	+				nours		•	iouis	
TOTAL		1						.	Total is	the si	um of ea	ch c	column s	epara	telv	700 2				
A SERVICE	1.			Job		the state of the s	() and a	n de						Job T		S		p (9)	A	
Formation N	ame				-									ate .	11110	Tim	ρ.	Tin	ne Zone	2
Formation D		(MD) T	go			Botto	m T			Calle	d Out		26 - M)12	22:0			CST	
Form Type	•	,		BH	IST		-				ocation		27 - M			03:0			CST	
Job depth M	D	5	338. ft	Jo	b De	epth TVD		538	5. ft	-	started		27 - Ma			09:2			CST	
Water Depth						Above FI		5.	ft		omplete	ed	27 - Ma			10:2			CST	
Perforation [Depth	(MD) F	rom			То				1	rted Loc		27 - Ma	ar - 20)12	12:0	5		CST	
						•		Well	Data											
Description	on	New /	Ma	x Si:	ze	ID	Weig			read		Gı	ade	Гор IV	ID	Bottom	1	Тор	Botto	m
		Used	press	ure i	า	in	lbm/	ft						ft		MD		TVD	TVD	1
			psi	g												ft		ft	ft	
Intermediate						8.75								2500).	5330.	2	2500.	4911	
Open Hole		I Indiana				0.070	00					_	110			5000	_		1011	
Intermediate Casing		Unknow n		7	.	6.276	26.		8	RD		Ρ-	110			5330.		•	4911	•
Surface Casi	na	Unknow	,	9.6	25	8.921	36.						-55			2500.	+			-
ounded out	9	n		0.0		0.021	00.					U		•		2000.				
			3.7	. 19	2.0		Tools	and A	Acces	sorie	S	20	9 101	15						
Type	Size	Qty	Make	Depth		Туре	Size			lake	Depth		Туре		S	ze	C	ty	Make	e
Guide Shoe		1.5				cker	0.0		,			-	Plug			7	_	1	hes	_
Float Shoe					-	dge Plug							ttom Plu	ıa						
Float Collar					-	tainer							R plug s							
nsert Float											1	_	g Conta			7		1	hes	
Stage Tool			× _ e										ntralizer							
					- 4	V	lisce	llaneo	us Ma	ateria	ls	- 1.3	A 14.	da e			6		4. 3.	
Selling Agt			Co	nc		Surfac			1 1	Con		Ac	id Type		717	Qty	10	C	onc	%
reatment Fl	d		Co			Inhibit				Con		_	nd Type			Size	1 1		lty	
			1	× .	11,521	The state of the s		. 10								100				-

Fluid Data
Stage/Plug #: 1

Cementing Job Summary

Fluid	Stage T	vpe		Fluid Na	me		Qty	Qty	Mixing	Yield	Mix Fluid	Rate	Total Mix
#	3	,,,						uom	Density	ft3/sk		bbl/min	Fluid Gal/sk
									lbm/gal				
1	Premium		CM	T - PREMIUM CEM	ENT (1000	03687)	485.0	sacks	15.6	1.22	4.55		4.55
	94 lbm		CM	T - PREMIUM - CLA	SS H REG	OR TY	PE V, BUI	_K (1000	003687)				
	0.4 %		HAI	AD(R)-9, 50 LB (10	0001617)							-	
	10 lbm		KO	L-SEAL, BULK (100	064233)								
	0.25 lbm		PO	LY-E-FLAKE (10121	6940)								
	4.552 Gal			SH WATER									
Ca	alculated \	/alues		Pressure	s			Ing. 18	V	olumes			
Displa	cement	202		Shut In: Instant		Lost Re	eturns		Cement S	lurry	105	Pad	
Top Of	f Cement	1693	3	5 Min		Cemen	t Returns		Actual Di	splaceme	nt 202	Treatm	ent
Frac G	radient			15 Min		Spacer	s	0	Load and	Breakdov	vn	Total J	ob
						R	ates			1000 100 , 12	111122		The state of the s
Circu	lating			Mixing	6		Displac	ement	6		Avg. Jo	ob	6
Cem	ent Left in	Pipe	Am	ount 80 ft Reas	on Shoe	Joint			į.				
Frac F	Ring # 1 @		ID	Frac ring # 2 (0 1	D	Frac Rin	g # 3 @	10	F	rac Ring	#4@	ID
Th	ne Inform	ation	Sta	ted Herein Is C	orrect	Custom	er Represe	entative S	ignature	Ki	De	,	

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 29159	16	Quote #:		Sales Order #: 9387034	
Customer: SANDRIDGE EN	ERGY INC EBUSINE	SS	Customer Rep: Ed	dwards, Tripp)	
Well Name: Hopkins		Well #: 1-14H		API/U\	NI #:	
Field: C	ity (SAP): ANTHONY	County/	Parish: Harper		State: Kansas	
Legal Description: Section 1	4 Township 35S Ra	ange 7W		•		
Lat: N 0 deg. OR N 0 deg. 0	min. 0 secs.		Long: E 0 deg. Ol	R E 0 deg. 0	min. 0 secs.	
Contractor: Unit Drilling *	Rig/Pla	tform Name/	Num: Unit 310			
Job Purpose: Cement Interm	nediate Casing			Ticket Am	nount:	
Well Type: Development We	∥ Job Tyı	ob Type: Cement Intermediate Casing				

Sales Person: CRAWFORD, RO	DBERT Srvc S	upervis	or: VAL	JGHAN, F	RYAN	MBU ID) Emp #:	453194
Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	03/26/2012 22:00							
Depart Yard Safety Meeting	03/26/2012 23:30			*				
Depart from Service Center or Other Site	03/26/2012 23:35							
Arrive At Loc	03/27/2012 03:00		,					went over job numbers with company man gave him a eta on the bulk trucks.
Standby - Other - see comments	03/27/2012 03:05							rig running casing, bulk trucks on their way to location
Other	03/27/2012 06:00							bulk trucks arrive on location
Pre-Rig Up Safety Meeting	03/27/2012 07:45							all hes hands
Rig-Up Equipment	03/27/2012 07:50							
Pre-Job Safety Meeting	03/27/2012 09:00							all hes hands and rig crew with company man
Pressure Test	03/27/2012 09:29							5000 psi
Pump Cement	03/27/2012 09:33		6	105			200.0	mixed @15.6ppg
Drop Top Plug	03/27/2012 09:52							plug left head
Pump Displacement	03/27/2012 09:53		7	202	307		1300. 0	fresh water
Other	03/27/2012 10:14		6	165			1400. 0	returns started to thin out so drop rate to 6 BPM
Other	03/27/2012 10:22		3	180			1300. 0	returns went down to almost nothing drop rate to 3 BPM keep returns for rest of the job but still not full returns

Sold To #: 305021

Ship To #:2915916

Quote #:

Sales Order #:

9387034

SUMMIT Version:

7.3.0021

Tuesday, March 27, 2012 11:00:00

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Bump Plug	03/27/2012 10:25		3	202			1800. 0	500 psi over
Check Floats	03/27/2012 10:27							floats held
Pre-Rig Down Safety Meeting	03/27/2012 10:35							all hes hands
Rig-Down Equipment	03/27/2012 10:40							
Pre-Convoy Safety Meeting	03/27/2012 12:00							all hes hands
Depart Location for Service Center or Other Site	03/27/2012 12:05							

Sold To #: 305021

Ship To #:2915916

Quote #:

Sales Order #:

9387034

SUMMIT Version: 7.3.0021

Tuesday, March 27, 2012 11:00:00

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 Sales Order #: 9426200 Ship To #: 2915916 Quote #: Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Edwards, Tripp API/UWI #: Well Name: Hopkins Well #: 1-14H City (SAP): ANTHONY County/Parish: Harper State: Kansas Field: Legal Description: Section 14 Township 35S Range 7W Contractor: Unit Drilling * Rig/Platform Name/Num: Unit 310 Job Purpose: Cement Production Liner Well Type: Development Well Job Type: Cement Production Liner Sales Person: CRAWFORD, ROBERT Srvc Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068 Job Personnel Exp Hrs **HES Emp Name** Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# 331910 TIPTON, DANNY W BRITTAIN, LYLE Jay 8.5 460473 NEAL, MICHAEL 5 483780 5 Edward UNDERWOOD. 159068 8.5 **BILLY Dale** Equipment **HES Unit#** Distance-1 way HES Unit# **HES Unit#** Distance-1 way HES Unit# Distance-1 way Distance-1 way **Job Hours** On Location On Location Operating On Location Operating Date Operating Date Date Hours Hours Hours Hours Hours Hours 4-10-12 4-11-12 5 0 1.5 TOTAL Total is the sum of each column separately Job **Job Times Formation Name** Date Time Time Zone 10 - Apr - 2012 Formation Depth (MD) Top 13:30 CST Bottom Called Out 10 - Apr - 2012 CST Form Type BHST 18:00 On Location Job depth MD 12617. ft Job Depth TVD 10 - Apr - 2012 CST Job Started 23:55 11 - Apr - 2012 Water Depth Wk Ht Above Floor 01:35 CST Job Completed Perforation Depth (MD) From То Departed Loc 11 - Apr - 2012 02:30 CST **Well Data** Description Max ID Bottom **Bottom** New / Size Weight Thread Grade Top MD Top MD TVD **TVD** Used pressure in in lbm/ft ft ft ft ft psig **Production Liner** 6.125 5338. 12617. 4911. 4873. Open Hole Intermediate Unknow 7. 6.276 26. 8 RD P-110 5330. 4911. Casing Production Liner Unknow 4.5 4.5 11.6 P-110 4935. 12617. 4935. 4873. n **Drill Pipe** Unknow 4. 3.34 14. 4935. **Tools and Accessories** Type Size Qty Make Depth Make Depth Type Size Make Type Size Qty Qty Top Plug **Guide Shoe** Packer Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers **Miscellaneous Materials Gelling Agt** Conc Surfactant % Conc Acid Type Conc Qty Treatment Fld Inhibitor Sand Type Conc Conc Size Qty

	Fluid Data
Stage/Plug #: 1	

Summit Version: 7.20.130

Cementing Job Summary

Fluid #			Fluid Name				Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	100000	tal Mix d Gal/sk
1 Rig Caustic Water Spacer						10.00	bbl	8.5	.0	.0	.0			
2 50/50 POZ STANDARD (w/ 2% extra gel)		ECONOCEM (TM) SYSTEM (452992)			992)	730.0	sacks	13.6	1.54	7.36		•	7.36	
	0.4 %	•	HALAI	O(R)-9, 50 LB (1	00001617)		-							
	2 lbm		KOL-SEAL, BULK (100064233)											
2 %			BENTONITE, BULK (100003682)											
	7.356 Ga	I	FRES	H WATER										
Ca	alculated	Values		Pressur	es				V	olumes				
Displa	Displacement 1		1 Sł	ut In: Instant		Lost Returns			Cement Slurry		200	Pad		
Top Of Cement			5 Min		Cement Returns			Actual Displacement		ent 156	Treatm	nent		
Frac Gradient			15 Min			Spacers				oad and Breakdown		Total J		376
						F	Rates							
Circulating 5			Mixing	6	Displace		ement	4	Avg		Job		5	
Cem	ent Left Ir	Pipe	Amou	nt 80 ft Rea	son Shoe	Joint								
Frac Ring # 1 @			ID	Frac ring # 2	@ 1	D	Frac Ring # 3 @		IC	ID Frac		ac Ring # 4 @		ID
Th	ne Inforn	nation	State	d Herein Is (Correct	Custon	ner Represe	entative S	ignature					

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 305021 **Ship To #**: 2915916 Quote #: Sales Order #: 9426200 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Edwards, Tripp Well Name: Hopkins API/UWI #: Well #: 1-14H Field: City (SAP): ANTHONY County/Parish: Harper State: Kansas **Legal Description:** Section 14 Township 35S Range 7W Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs. Long: E 0 deg. OR E 0 deg. 0 min. 0 secs. Contractor: Unit Drilling * Rig/Platform Name/Num: Unit 310 Job Purpose: Cement Production Liner Ticket Amount:

Well Type: Development Well Job Type: Cement Production Liner

Sales Person: CRAWFORD, ROBERT Srvc Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments	
		#		Stage	Total	Tubing	Casing		
Call Out	04/10/2012 13:30								
Safety Meeting - Service Center or other Site	04/10/2012 15:00							Bulk out of BF	
Depart from Service Center or Other Site	04/10/2012 15:10								
Arrive at Location from Service Center	04/10/2012 18:00							assess location	
Safety Meeting - Pre Rig-Up	04/10/2012 18:15								
Rig-Up Equipment	04/10/2012 18:30			H					
Rig-Up Completed	04/10/2012 19:00							standby running drill pipe	
Safety Meeting - Pre Job	04/10/2012 23:30							job and safety procedures	
Test Lines	04/10/2012 23:56					5000. 0			
Other	04/11/2012 00:00							hang liner	
Pump Spacer	04/11/2012 00:07		5	10		400.0		caustic water	
Pump Water	04/11/2012 00:09		5	10		400.0		fresh water	
Pump Cement	04/11/2012 00:15		6	200		450.0		13.6# Econocem	
Clean Lines	04/11/2012 00:50								
Drop Plug	04/11/2012 00:55								
Pump Displacement	04/11/2012 01:00		5	161		400.0		fresh water	
Pump Displacement	04/11/2012 01:07	1	2.8			300.0		slow rate for first plug	

Sold To #: 305021

Ship To #:2915916

Quote #:

Sales Order #:

9426200

SUMMIT Version:

7.20.130

Wednesday, April 11, 2012 02:13:00

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments	
		#		Stage	Total	Tubing	Casing		
Pump Displacement	04/11/2012 01:15		5			750.0		increase rate	
Pump Displacement	04/11/2012 01:30		2.8			570.0		slow rate	
Bump Plug	04/11/2012 01:32					1700. 0			
Check Floats	04/11/2012 01:34							holding 1 bbl back	
End Job	04/11/2012 01:35							rigdown meeting	
Rig-Down Equipment	04/11/2012 01:40				- 0				
Rig-Down Completed	04/11/2012 02:20							journey management	
Depart Location for Service Center or Other Site	04/11/2012 02:30								

Sold To #: 305021

Ship To #:2915916

Quote #:

Sales Order #:

9426200

SUMMIT Version: 7.20.130

Wednesday, April 11, 2012 02:13:00