

Invoice

Date Invoice # 2/27/2012 1231

Drilling Rig

P.O. Box 1570

Woodward, OK 73802

Phone: (580)254-5400 Fax: (580)254-3242

Ordered By

Bill To
SandRidge Energy, Inc.
Attn: Purchasing Mgr.
123 Robert S. Kerr Avenue
Oklahoma City, OK. 73102

Terms

L								
	Jason Harrison	Net 60		2/27/2012	Sara	h 1-34H,	Comanche Cnty, KS	Lariat 3
	Item	Quantity					Description	<u> </u>
20" Pi Mouse 16" Pi Cellar 6' X 6 Mud a Transp Grout Grout Welde	e Hole pe Hole Tinhorn and Water port Truck - Conductor & Trucking Pump r & Materials emoval Plate		92 80 80 1 1 1 10 1 1	Drilled 92 ft. con Furnished 92 ft. con Furnished 80 ft. con Furnished 80 ft. con Drilled 6' X 6' ce Furnished and se Furnished mud an Furnished grout and Furnished grout and Furnished grout and Furnished welder Furnished labor and Furnished cover and Furnished cove	of 20 induse hole of mouse lar hole et 6' X 6' and water and truck pump r and maand equi	ch conduct e hole pipe tinhorn to location king to loc terials pment for	n ation dirt removal	
			Subtotal					
						Sales	Tax (0.0%)	\$0.00
							Total	\$22,744.00

Date of Service

Lease Name/Legal Desc.

## Cementing Job Summary

%

Conc

Qtv

Qty

Size

The Road to Excellence Starts with Safety Sales Order #: 9346507 Sold To #: 305021 Ship To #: 2914088 Quote #: **Customer: SANDRIDGE ENERGY INC EBUSINESS** Customer Rep: McCullary, Tyler Well Name: Sarah Well #: 1-34H API/UWI #: City (SAP): COLDWATER County/Parish: Comanche Field: State: Kansas Legal Description: Section 6 Township 32S Range 19W Rig/Platform Name/Num: LARIAT 3 Contractor: Lariat Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: NGUYEN, VINH Srvc Supervisor: WADE, STEPHEN MBU ID Emp #: 490458 Job Personnel **HES Emp Name HES Emp Name HES Emp Name** Exp Hrs Emp# Exp Hrs Emp# Exp Hrs Emp# 267804 LUONG, JOHN M 497077 THOMPSON. 15 476826 BERUMEN, 14 14 **RAYLAND Heath EDUARDO** WADE, STEPHEN 15 490458 Bruce Equipment HES Unit# Distance-1 way **HES Unit#** Distance-1 way **HES Unit#** Distance-1 way HES Unit# Distance-1 way 10924982 11133700 10243558 60 mile 60 mile 60 mile **Job Hours** Operating On Location Date On Location Operating Date On Location Date Operating Hours Hours Hours Hours Hours Hours 3/10/2012 3/11/2012 8.5 TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Date Time Time Zone 09:30 CST Formation Depth (MD) Top 10 - Mar - 2012 Bottom Called Out CST BHST 10 - Mar - 2012 13:30 Form Type On Location 790. ft Job depth MD 790. ft Job Depth TVD 11 - Mar - 2012 01:40 CST Job Started CST Water Depth Wk Ht Above Floor 4. ft Job Completed 11 - Mar - 2012 02:33 Perforation Depth (MD) From To Departed Loc 11 - Mar - 2012 03:45 CST **Well Data Bottom** Description New / ID Weight Thread Grade Top MD **Bottom** Top Max Size MD **TVD TVD** Used pressure lbm/ft ft in in ft ft ft psig 800. Surface Open 12.25 Hole Surface Casing 9.625 8.921 36. LTC J-55 800. Unknow n **Tools and Accessories** Make Depth Size Qty Make Depth Type Size Qtv Type Size Qty Make Type **Guide Shoe** Packer Top Plug **Bridge Plug Bottom Plug** Float Shoe Float Collar Retainer SSR plug set Plug Container Insert Float Centralizers Stage Tool

		Flu	uid Data			400		
Sta	age/Plug #: 1							
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Total Mix Fluid Gal/sk

**Miscellaneous Materials** 

Conc

Conc

Surfactant

Inhibitor

Acid Type

Sand Type

Summit Version: 7.3.0021

Conc

Conc

**Gelling Agt** 

Treatment Fld

# Cementing Job Summary

1	Pre-flush	1						10.00	bbl		.0		0	.0			
2	halliburte standard	on light	EXT	END	ACEM (TM) S	YSTEM (4	52981)	340.0	sacks	12.4	2.12	11	.68		11.68		
	3 %		CAL	CIUN	1 CHLORIDE,	PELLET, 5	50 LB (1	01509387	7)								
	0.25 lbm		POL	Y-E-F	FLAKE (1012	16940)											
	11.676 Ga	al	FRE	SH V	VATER												
3	Standard		SWI	FTCE	EM (TM) SYS	TEM (4529	90)	100.0	sacks	15.6	1.2	5.	32		5.32		
	2 %		CAL	LCIUM CHLORIDE, PELLET, 50 LB (101509387)													
	0.125 lbm	1	POL	LY-E-FLAKE (101216940)													
	5.319 Ga	I	FRE	SH V	VATER												
Ca	alculated	Values			Pressures Volumes												
Displa	cement	58	,	Shut	In: Instant		Lost Re	turns	0	Cement	Slurry		149	Pad			
Γop Of	f Cement	SURFA	CE	5 Min			Cemen	t Returns	65	Actual [	Displaceme	ent	58	Treatment			
Frac G	radient			15 Mi	in		Spacer	Spacers Load and Breakdown Total Job									
							R	ates									
Circu	lating	5			Mixing	5		Displac	cement		5	A۱	/g. Jo	b	5		
Cem	ent Left Ir	Pipe	Amo	ount	44.04 ft Rea	son Shoe	Joint										
Frac F	Ring # 1 @	)	ID	F	rac ring # 2	@	D	Frac Rin	g # 3 @		ID I	Frac I	Ring #	4 @	ID		
Th	ne Inforn	nation	Stat	ted l	Herein Is C	orrect	Custom	er Repres	entative S	Signature							

Summit Version: 7.3.0021

# Cementing Job Summary

The Road to Excellence Starts with Safety

Treatment FI	d		Co	nc														
Gelling Agt			Co			Surfac		-		Con Con			Acid Type Sand Type		Qty Size		Conc Qty	%
									neous l	Vlateria								
Stage Tool													entralizers					
nsert Float													lug Contai					
Float Collar						etainer		+					SR plug se				+	
Float Shoe						idge Plug		+					op Flug ottom Plug	1			+	
Guide Shoe	OIZE	Gty	Wake	Deb		cker	SIZ	.6	GLY	Wake	Depti		op Plug	,	7126	Giy	IVIC	INC
Type	Size	Qty	Make	Dep	th	Type	Siz		Qty	Make	Depti	h	Туре		Size	Qty	Ma	ake
		A COLUMN					Tool	s ar	nd Acce	essorie	S							
Casing 1		n				0.104	20			LIC		'	-110	•	3004.		300	00.
Open Hole Intermediate		Unknow	,		7.	6.184	26	-		LTC		1	P-110		5604.	-	56	03.
Intermediate						8.75								800.	5604.	800.	56	00
			psi	g											ft	ft		ft
Description	on	New / Used	Ma press	9199	Size in	ID in	Weig Ibm			Thread		(	Grade T	op MD ft	Bottom MD	Top TVD	Bot T\	tom /D
			1						Vell Dat									
Perforation I	Depth	(MD) F	rom			То					rted Lo	С	17 - Ma	r - 2012	00:00	)	CST	
Water Depth					Wk H	t Above F	loor		2. ft	Job C	omple	ted			02:0	0	CST	
Job depth M		5	603. ft			Depth TVD			5603. ft	_	started		17 - Ma		00:00	0	CST	
Form Type					BHS					On Location		1	17 - Ma		11:0		CST	
Formation D		MD) T	ор			Botto	om T			Calle	d Out		17 - Ma		03:3		CST	
Formation N	ame			001									Da	AND AUGUST WAS DELIVED.	Time	Ti	ne Zo	one
IJIAL				Jok		No blank			Tiotal	is the St	uni oi e	aur		ob Tim				19.5
TOTAL		88		3	1				Total	lie the co	um of o	anh	l n column se	naratoli	,			
03/17/2012	Hours Hours		s		Hou			rs Hours			Ho			Hours I		3		
Date	1	Location	1000	perati	_	Date			_ocatio				Date	0	n Locatio		perati Hours	_
									ob Hou									
11288858	60	mile																
10713204		mile		1072	4589	60 mile	9		108	372308	60	mil	e	11256	865	60 mile		
HES Unit #	_	tance-1	way		Unit:			1 wa		HES Unit # Dista 10872308 60 mi			nce-1 way	-	Unit#	Distan	ce-1 v	vay
									quipme									
						Don							Adrian					
DURAN, E			18		769	KIRKLAN				18	28616		LOPEZ, (			18	4880	•
HES Em	n Nan	ne F	Exp Hrs	Fn	np#	HES				Exp Hrs	Emp	#	l HES	Emp Na	me	Exp Hrs	Em	n#
Sales Pers	on: N	IGUTE	IN, VIIN	п		Srvc Su	•		Perso		UK		INIBO ID I	:mp #:	443768	'		-
Well Type:						Job Typ						ng	MBU ID I	4.	445760			
Job Purpos					e Cas					P - 1	0 .							
Contractor		100.000	In the same	1! - 4	-	Rig/Plat	torm	Na	me/Nur	n: LAR	MAI 3							
Legal Desc			tion 6	Towr	nship													
Field:						COLDWA			unty/Pa	ırish: C	omano	che		State	: Kansa	3		
Well Name	Sara	ıh					ell#							JVVI #:			4	
			E ENE	RGY	INC E	BUSINE				stomer	Rep:	Mc	Cullary, Ty					
Customer	CARIE	2010																

			Fluid Data					
Sta	age/Plug #: 1							
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Total Mix Fluid Gal/sk

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# Cementing Job Summary

S	tage/Plu	ıg #: 1											
Fluid #	Stage	е Туре		Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Flu Gal/sl		Total Mix Fluid Gal/sl
1	Water S	Spacer					10.00	bbl	8.33	.0	.0	.0	
2	POZ STANDA 50/50	ARD	ECON	OCEM (TM) SY	'STEM (452	992)	165.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	)	HALA	D(R)-9, 50 LB (	100001617)								
	2 lbm	l	KOL-S	SEAL, BULK (10	0064233)								
	2 %		BENT	ONITE, BULK (	100003682)								
	7.356	Sal	FRES	H WATER									
3	PREMI	UM	CMT -	PREMIUM CEI	MENT (1000	03687)	100.0	sacks	15.6	1.18	5.22		5.22
	94 Ibn	n	CMT -	PREMIUM - CL	ASS H REC	OR TY	PE V, BU	LK (100	003687)				
	0.04 %	6	HALA	D(R)-9, 50 LB (*	100001617)								
	5.222 0	Bal	FRES	H WATER									
C	alculate	d Value	S	Pressu	res	5315			V	olumes		NAME OF STREET	
Description of Assessment Property	cement	21	and the same of th	nut In: Instant		Lost Re	eturns	0	Cement S		46	Pad	
Top O	f Cemen	t 296	31 5	Min		Cemen	t Returns	1	Actual Di		ent 21	1 Treati	nent
Frac G	radient		15	Min		Spacer	s	10	Load and	Breakdo	own	Total	Job
						R	Rates						
Circu	lating	7		Mixing	5		Displac	cement	5		Avg.	Job	5
Cem	ent Left	In Pipe	Amou	nt 88.06 Re	ason Shoe	Joint							
Frac	Ring #1	@	ID	Frac ring # 2	2@ 1	D	Frac Rin	ıg#3@		)	Frac Rin	g#4@	ID
Tł	ne Infor	mation	State	d Herein Is (	Correct	Custon	ner Repres	entative S	Signature				

## Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 **Ship To #**: 2914088 Quote #: Sales Order #: 9376743 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: McCullary, Tyler Well Name: Sarah Well #: 1-34H API/UWI #: Field: City (SAP): COLDWATER | County/Parish: Comanche State: Kansas Legal Description: Section 6 Township 32S Range 19W Contractor: Lariat Rig/Platform Name/Num: 3 Job Purpose: Cement Production Liner Well Type: Development Well Job Type: Cement Production Liner Sales Person: NGUYEN, VINH Srvc Supervisor: GILREATH, JAMES MBU ID Emp #: 493907 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# DAVIS, TROY Robert 19.5 498798 GILREATH, JAMES P 19.5 493907 NEAL, MICHAEL 19.5 483780 Edward Equipment HES Unit# HES Unit# HES Unit# Distance-1 way 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 22 - Mar - 2012 21:00 CST Form Type BHST 23 - Mar - 2012 CST On Location 03:00 9752. ft Job Depth TVD Job depth MD 5310. ft 23 - Mar - 2012 18:55 CST Job Started Water Depth 20:15 Wk Ht Above Floor 5. ft Job Completed 23 - Mar - 2012 CST Perforation Depth (MD) From Departed Loc 23 - Mar - 2012 22:30 CST To **Well Data** Description New / ID Weight Thread Top MD Max Size Grade **Bottom** Top **Bottom** Used pressure lbm/ft MD **TVD TVD** in in ft psig ft ft ft **Production Liner** 6.125 5604. 9804. 5310. 5310. Open Hole Intermediate 7. Unknow 6.184 26. LTC P-110 5604. 4936.

Production L	iner	n n		4.	5 4.	11.6		LIC		P-110	5200.	9804.	4396.	438	36.
						Tools a	and Acc	cessorie	S						
Type	Size	Qty	Make	Depth	Туре	Size	Qty	Make	Depth	Тур	е	Size	Qty	Ma	ke
Guide Shoe					Packer					Top Plug					
Float Shoe					Bridge Plug					Bottom P	lug				
Float Collar					Retainer					SSR plug	set				
Insert Float										Plug Cont	ainer				
Stage Tool										Centralize	ers				
						Miscella	neous	Materia	ls						
Gelling Agt			Coi	nc	Surfa	ctant		Cor	nc	Acid Type	9	Qty	C	onc	%
Treatment Fl	d		Coi	nc	Inhibi	tor		Cor	nc	Sand Typ	е	Size	C	Qty	

LTO

D 440

E200

0004

4200

Ai			Fluid Data					
Sta	age/Plug #: 1							
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Total Mix Fluid Gal/sk

Summit Version: 7.3.0021

n

Casing 1

# Cementing Job Summary

S	tage/Plug	#: 1												
Fluid #				Fluid N		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min		al Mix I Gal/sl	
1	Rig Caus Water Spa						10.00	bbl	8.5	.0	.0	.0		
1	50/50 PO STANDAR 2% extra g	D ( w/	ECO	NOCEM (TM) SY	STEM (452	2992)	460.0	sacks	13.6	1.54	7.36		7	.36
	0.4 %		HALA	AD(R)-9, 50 LB (1	00001617)	)			1					
	2 lbm		KOL-	SEAL, BULK (10	0064233)									
	2 %		BEN	TONITE, BULK (1	00003682	)								
	7.356 Gal		FRES	SH WATER										
C	alculated	Values		Pressur	es				V	olumes				
Displa	cement	119	S	hut In: Instant		Los	st Returns		Cement S	lurry	126	Pad		
Top O	f Cement	448	0 5	Min		Cer	ment Returns	0	Actual Di	splacem	ent 119	Treatn	nent	
Frac G	radient		1	5 Min		Spa	acers	10	Load and	Breakdo	own	Total	lob	
							Rates							
Circu	lating			Mixing	T		Displac	ement			Avg. J	ob		
Cem	ent Left In	Pipe	Amo	unt 92.55 ft Rea	son Sho	e Joir	nt							
Frac	Ring # 1 @		ID	Frac ring # 2	@	ID	Frac Rin	g # 3 @	10		Frac Ring	#4@	1	D
Tł	ne Inform	ation	State	ed Herein Is C	Correct	Cu	stomer Represe	entative S	Signature					•