

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

Invoice

Date	Invoice #
4/19/2012	1291

Drilling Rig

Jason Net 45 4/19/2012						an 1-36 SW	D, Finney Cnty, KS	Tomcat 4			
	Item	Quantity					Description				
20" P Rat & Rat H 16" P Cellan 5' X 5 Mud a Trans Grout Grout Welde	Mouse Holes fole Shuck ipe Hole Tinhorn and Water port Truck - Conductor & Trucking Pump er & Materials temoval		100 1 20 1 1 1 1 10 1 1	Drilled 100 ft. of Furnished 100 ft. Drilled rat and m Furnished rat hol Furnished 20 ft. of Drilled 5' X 5' ce Furnished and se Furnished mud a Transport mud an Furnished grout a Furnished welder Furnished labor a Furnished cover permits	of 20 in ouse he shuck of 16 in old i	nch conductores ch mouse he tinhorn r to location cking to loc	nole pipe n ation				
						Subto	tal	\$18,250.00			
						Sales	Tax (0.0%)	\$0.00			
							Total	\$18,250.00			

Date of Service

Lease Name/Legal Desc.

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 **Ship To #**: 2919766 Quote #: Sales Order #: 9504627 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Flemming, Dale API/UWI #: Well #: 1-36SWD Well Name: Ryan City (SAP): GARDEN CITY County/Parish: Finney Field: State: Kansas Legal Description: Section 5 Township 28N Range 10W Contractor: TOMCAT Rig/Platform Name/Num: 4 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: NGUYEN, VINH Srvc Supervisor: GALVAN, GEORGE MBU ID Emp #: 447816 Job Personnel Emp# **HES Emp Name** Exp Hrs Exp Hrs **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Emp# HAGEE, MILES Killion 480456 GALVAN, GEORGE 28 447816 427231 LUNA, JOSE A 28 TORRES, 28 344233 CLEMENTE Equipment **HES Unit#** Distance-1 way **HES Unit#** Distance-1 way **HES Unit#** Distance-1 way **HES Unit#** Distance-1 way 10240245 60 mile 10244148 60 mile 10286731 60 mile 10998524 60 mile 11689692 60 mile 11700001 60 mile 11819424 60 mile **Job Hours** On Location On Location Operating Operating Date Operating Date Date On Location Hours Hours Hours Hours Hours Hours 05-10-2012 05-11-2012 10 0 18 2 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 - May - 2012 08:00 **CST** Form Type BHST On Location 10 - May - 2012 14:00 CST 11 - May - 2012 Job depth MD 1341.9 ft Job Depth TVD 3. ft Job Started 14:59 CST Water Depth 11 - May - 2012 Wk Ht Above Floor 3. ft Job Completed 16:19 CST Perforation Depth (MD) From To Departed Loc 11 - May - 2012 18:00 CST Well Data Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft ft MD **TVD TVD** psig ft ft ft Surface Open 12.25 1260. Hole Surface Casing Unknow 9.625 8.921 36. LTC J-55 1260. n Sales/Rental/3rd Party (HES) Description Depth Supplier Qty Qty uom PLUG, CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA EA **Tools and Accessories** Type Size Qty Make Depth Size Type Qty Make Depth **Type** Size Qty Make **Guide Shoe** Packer Top Plug 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 Qty Conc % **Treatment Fld** Conc Inhibitor Conc Sand Type Size Qty

	Fluid Data	
Stage/Plug #: 1		

Summit Version: 7.3.0021

Cementing Job Summary

Fluid #	Stage	Туре	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	Water S	oacer					10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement EXTENDACEM (TM) SYSTEM (452				52981)	460.0	sacks	12.4	2.12	11.68		11.68	
3 % CALCIUM CHLORIDE, PELLET, 50						50 LB (1	01509387)					
0.25 lbm POLY-E-FLAKE (101216940)													
	11.676 G	al	FRE	SH WATER									
3	Tail Cem	ent	sw	IFTCEM (TM) SYS	TEM (4529	90)	120.0	sacks	15.6	1.2	5.32		5.32
2 % CALCIUM CHLORIDE, PELLET, 50							01509387)					
	0.125 lbr	n ·		Y-E-FLAKE (1012			Mark Collection acres 185	<u></u>					
	5.319 Ga	al		SH WATER	Secretary and second 1								
Ca	lculated	Values	3	Pressui	es				V	olumes			
+ Participation may	cement	96.		Shut In: Instant		Lost R	eturns		Cement S		199	Pad	
Top Of	Cement	SURF	ACE	5 Min		Cemen	t Returns		Actual Displacement		nt 96	Treatm	ent
Frac G	radient			15 Min		Spacer	'S		Load and Breakdown			Total J	ob
						and the same of	Rates						
Circul	ating			Mixing	4.	A 1 Post of 100 and	Displacement 5.5				Avg. Job		5
	ent Left I	n Pipe	Am		son Shoe	Joint					-		
Frac Ring # 1 @ ID Frac ring # 2 @ ID						D	Frac Ring # 3 @ ID Frac Ring # 4 @				ID		
			Sta	ted Herein Is (Custon	ner Represe					<u> </u>	

Summit Version: 7.3.0021

Summit Version:

7.3.0030

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 Ship To #: 2919766 Quote #: Sales Order #: 9530543 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Dale, Mr Well Name: Ryan Well #: 1-36SWD API/UWI #: Field: City (SAP): GARDEN CITY County/Parish: Alfalfa State: Oklahoma Legal Description: Section 5 Township 28N Range 10W Contractor: TomCat Rig/Platform Name/Num: 4 Job Purpose: Cement Intermediate Casing Well Type: Development Well Job Type: Cement Intermediate Casing Sales Person: NGUYEN, VINH Srvc Supervisor: MONTOYA-MOLINAS, MBU ID Emp #: 483764 ARTHUR Job Personnel **HES Emp Name HES Emp Name** Exp Hrs Emp# Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# LEE, SEITH Adam 19 483600 LOPEZ-ROSALES, 19 198514 MONTOYA-MOLINAS. 19 483764 JUAN ARTHUR J RAMIREZ, JORGE M. 19 498481 Equipment HES Unit# Distance-1 way HES Unit# Distance-1 way **HES Unit#** Distance-1 way Distance-1 way **HES Unit# Job Hours** Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 5-30-2012 15 1.5 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 30 - May - 2012 00:00 CST Form Type BHST On Location 30 - May - 2012 07:45 CST 5820. ft Job depth MD Job Depth TVD 5820. ft 30 - May - 2012 Job Started 18:46 CST Water Depth Wk Ht Above Floor 30 - May - 2012 12. ft Job Completed 20:12 CST Perforation Depth (MD) From 30 - May - 2012 To Departed Loc 21:45 CST Well Data Description New / Max Size ID Weight **Thread** Grade Top MD **Bottom** Bottom Top Used pressure lbm/ft TVD in in MD **TVD** ft psig ft ft ft Intermediate 8.75 1260. 5648. 1000. 5563. Open Hole Intermediate Unknow 7. 6.276 26. BTC J-55 5608. 5563. Casing n Intermediate Unknow 7. 6.184 24.8 Unknown 120 MY 5608. 5648. Casing 2 n Surface Casing Unknow 9.625 8.921 36 LTC J-55 1260. n Sales/Rental/3rd Party (HES) Description Qty uom Depth Qty Supplier PLUG, CMTG, TOP, 7, HWE, 5.66 MIN/6, 54 MAX CS EΑ **Tools and Accessories** Type Size Qty Make Depth Make Depth Type Size Qtv Type Size Qty Make **Guide Shoe** Packer Top Plug Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers

Miscellaneous Materials

Wednesday, May 30, 2012 20:59:00

Cementing Job Summary

Sta	ent Fld		Conc Surfactant				Acid	Type		Qty		%	
The state of the s	Treatment Fld		Conc Inhibitor			Conc			Sand Type		Size	Qty	
A STATE OF THE OWNER, WHEN	(D)					Fluid Data					Selection.		IV.
	age/Plug	The second second second	%。同意要的效应										
Fluid #	Stage ⁻	Гуре		Fluid Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total N Fluid Ga	
1	Water Sp	acer		10.00	bbl		.0	.0	.0				
2	Lead Cer	nent	ECONOCEM (M) SYSTEM	(452992)	570.0	sacks	13.6	1.54	7.36		7.36	
	0.4 %		HALAD(R)-9, 5	0 LB (100001	617)								
	2 lbm		KOL-SEAL, BU	LK (1000642	33)								
2 % BENTONITE, BULK (100003682)													
	7.356 Ga		FRESH WATER	3									
3	Tail Cem	ent	EXTENDACEN	(TM) SYSTE	M (45298	31) 100.0	sacks	15.6	1.19	5.08		5.08	
0.4 % HALAD(R)-9, 50 LB (100001617)								W 50 F4850					
	2 lbm		KOL-SEAL, 50	LB BAG (100	064232)								
	5.076 Gal		FRESH WATER	₹	,								
Cal	lculated	Values	Pi	essures		《智慧性》(图1	na katala	V	olumes				in the
Displace	ement	219 BB	LS Shut In: In:	stant	Los	t Returns	0	Cement S		173 BBLS	Pad		
Top Of Cement			5 Min		Cen	nent Returns	0	Actual Displacement		ent 219 BBLS	Treatm	ent	
Frac Gradient			15 Min		Spa	Spacers		Load and Breakdown		wn	Total J	ob	
						Rates							
Circulating 3 Mixing 6						Diopiacomone			Avg. Job		6		
	ent Left In		Amount 40 f	Reason	Shoe Joir	nt						-	
Frac Ri	ing # 1 @	1	D Frac ri	ng # 2 @	ID	Frac Rin	g # 3 @	ID) F	rac Ring	#4@	ID	