

P.O. Box 1570

Woodward, OK 73802

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

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

Invoice

Date	Invoice #				
6/12/2012	1361				

Ord	ered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Jasor	Harrison	Net 45	6/12/2012	Tiffany 2821 1-11SWD, Ford Cnty, KS	Tomcat 3

							,-,,,,,		
	Item	Quantity		Description					
20" F Rat & Rat F 16" F Cella 6' X G Mud Trans Grou Grou Weld Dirt I	Mouse Holes Hole Shuck Pipe r Hole 5' Tinhorn and Water sport Truck - Conductor t & Trucking t Pump er & Materials Removal r Plate		100 1 1 20 1 1 1 10 1 1	Drilled 100 ft. cc Furnished 100 ft Drilled rat and m Furnished rat ho Furnished 20 ft. Drilled 6' X 6' cc Furnished and se Furnished mud a Transport mud a Furnished grout Furnished welde Furnished labor a Furnished cover Permits	of 20 nouse had be shuce of 16 in the shuce of 16 in the shuce of X of the shuff of	inch conductoles k nch mouse h le 6' tinhorn er er to location cking to locaterials	ole pipe 1 ation		
						Subto	tal	\$19,100.0	00
						Sales	Tax (0.0%)	\$0.0	00
							Total	\$19,100.00	

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 **Ship To #**: 2935690 Sales Order #: 9622127 Quote #: Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Robles, Ricky Well Name: Tiffany 2821 SWD API/UWI #: 15-057-20814 Well #: 1-11 County/Parish: Ford Field: City (SAP): BUCKLIN State: Kansas Legal Description: Section 11 Township 28S Range 21W Contractor: TomCat Rig/Platform Name/Num: 3 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 Exp Hrs **HES Emp Name** Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# BORUNDA, 8.0 478867 PEREZ. JOSE R SOLIS, ROBERT 523169 8.0 518945 8.0 MATTHEW Ezekiel Uvaldo WADE, STEPHEN 8.0 490458 Bruce Equipment HES Unit # Distance-1 way **HES Unit#** Distance-1 way HES Unit# Distance-1 way HES Unit# Distance-1 way 85 mile 10784078 85 mile 11138994 11149169 85 mile 11150262 85 mile 11748327 85 mile 11749254 85 mile 11804860 85 mile Job Hours Date On Location On Location Operating Operating Date Date On Location Operating Hours Hours Hours Hours Hours Hours 6/26/2012 4.5 6/27/2012 3.5 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 26 - Jun - 2012 13:30 CST Form Type BHST On Location 26 - Jun - 2012 19:30 CST Job depth MD 1005.6 ft Job Depth TVD 1005.6 ft Job Started 27 - Jun - 2012 00:59 CST Water Depth Wk Ht Above Floor 5. ft Job Completed 27 - Jun - 2012 01:56 CST Perforation Depth (MD) From 27 - Jun - 2012 CST To Departed Loc 03:30 Well Data Description New / Max ID Weight Thread Size Grade Top MD **Bottom** Top **Bottom** Used pressure MD **TVD** TVD in in Ibm/ft ft psig ft ft ft 12.25" Open Hole 12.25 710. 12.25" Open 12.25 710. 1010. Hole- Lower 9.625" Surface Unknow 9.625 8.921 36. LTC J-55 1010. Casing n Sales/Rental/3rd Party (HES) Description Qty uom Depth Qty Supplier PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA EA **Tools and Accessories** Type Size Qty Make Depth Type Size 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

Summit Version: 7.3.0030 Wednesday, June 27, 2012 02:22:00

Cementing Job Summary

Si	tage/Plug	#: 1					4. Take									
Fluid #	Stage	Туре	Fluid Name				Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix F Gal/		Rate bbl/min	Total Fluid G		
1	Fresh W	ater						10.00	bbl	8.33	.0	.0		.0		
2	Lead Ce	ment	EX	TENDACEM (TM)	SYSTEM (4	1529	981)	290.0	sacks	12.4	2.12	11.6	86		11.6	38
	3 %		CAI	CIUM CHLORIDE	, PELLET,	50 L	B (10	1509387)							
	0.25 lbm	1	POI	Y-E-FLAKE (1012	216940)											
	11.676 G	al	FRE	SH WATER												
3	Tail Cem	ent	sw	IFTCEM (TM) SYS	STEM (4529	990)		175.0	sacks	15.6	1.2	5.3	2		5.3	2
	2 %		CAL	CIUM CHLORIDE	, PELLET,	50 L	B (10	1509387)							
	0.125 lbn	n	POI	Y-E-FLAKE (1012	216940)						-					
	5.319 Ga	ıl	FRE	SH WATER												
4	Displace	ment				0.71		75.00	bbl	8.33	.0	.0		.0		
Ca	alculated	Values	福祉	Pressui	res					V	olumes					
Displa	cement	74		Shut In: Instant		Lo	st Ret	urns	0	Cement Slurry			146	Pad		
Γop Of	Cement	SURF	ACE	5 Min		Cemen		Returns	35	Actual Displacemen		ent	74	Treatm	ent	
Frac G	radient			15 Min	Spa		Spacers			Load and Breakdown		own		Total J	ob	
							Ra	ites								
Circulating 5			Mixing	5	5		Displacement		7		Av	Avg. Job		5		
Cem	ent Left Ir	n Pipe	Am	ount 46.15 ft Rea	ason Shoe	e Joi	int									
Frac Ring # 1 @ ID Frac ring # 2 @ ID					F	Frac Rin	g#3@	11		Frac R	ing :	#4@	ID			
Th	ne Inform	nation	Sta	ted Herein Is (Correct	Cı	ustome	er Represe	entative S	Signature						

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 Ship To #: 2935690 Quote #: Sales Order #: 9637666 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Robles, Ricky API/UWI #: 15-057-20814 Well Name: Tiffany 2821 SWD Well #: 1-11 County/Parish: Ford State: Kansas Field: City (SAP): BUCKLIN Legal Description: Section 11 Township 28S Range 21W Contractor: TOMCAT Rig/Platform Name/Num: 3 Job Purpose: Cement Intermediate Casing Well Type: Development Well Job Type: Cement Intermediate Casing Sales Person: NGUYEN, VINH Srvc Supervisor: AGUILERA, FABIAN MBU ID Emp #: 442123 Job Personnel Exp Hrs Emp# **HES Emp Name HES Emp Name HES Emp Name** Exp Hrs Emp# Exp Hrs Emp# 517102 AGUILERA, FABIAN 442123 HEIDT, JAMES LOPEZ, JUAN 4 0 **Nicholas** MENDOZA, VICTOR 442596 NASH, JONATHAN 524600 Clark Equipment HES Unit # Distance-1 way HES Unit# Distance-1 way HES Unit# 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 7/07/2012 4 1.5 TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Time Time Zone Date Formation Depth (MD) Top 07 - Jul - 2012 **Bottom** Called Out 04:00 **CST** Form Type BHST On Location 07 - Jul - 2012 10:30 CST Job depth MD 5804. ft Job Depth TVD 5804. ft Job Started 07 - Jul - 2012 13:26 CST Water Depth Wk Ht Above Floor 5. ft Job Completed 07 - Jul - 2012 CST 14:55 Perforation Depth (MD) From To Departed Loc 07 - Jul - 2012 15:00 CST Well Data Description ID Weight New / Max Size Thread Grade Top MD **Bottom Bottom** Top Used pressure lbm/ft MD **TVD TVD** in in ft psig ft ft ft 8.75" Open Hole 8.75 1010. 5770. 7" Intermediate Unknow 7. 6.314 24.8 5730. 5770. Casing Lower n 7" Intermediate Unknow 7. 6.276 P-110 26. BTC 5730. Casing Upper n 9.625" Surface Unknow 9.625 8.921 36. LTC J-55 1010. Casing n Sales/Rental/3rd Party (HES) Description Qty Qty uom Depth Supplier PLUG, CMTG, TOP, 7, HWE, 5, 66 MIN/6, 54 MAX CS EΑ **Tools and Accessories** Qty Make Depth Type Size **Type** Size Qty Make Depth Type Size Qtv 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

Summit Version: 7.3.0030

Conc

Gelling Agt

Miscellaneous Materials

Conc

Acid Type

Qtv

Conc

Surfactant

Cementing Job Summary

Treatment Fld		C	onc	Inhibitor			Conc	Sand	d Type		Size	Qty	
7 L 1 L 2		4.00				Flu	id Data						
S	tage/Plug	#: 1											
Fluid #	Stage T	уре		Fluid I	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sl
1	Fresh Wa	ter					10.00	bbl	8.33	.0	.0	.0	
2	Lead Cen	nent	ECONO	CEM (TM) S	YSTEM (452	2992)	230.0	sacks	13.6	1.54	7.36		7.36
	0.4 %		HALAD	(R)-9, 50 LB (100001617)								
	2 lbm		KOL-SE	AL, BULK (10	00064233)								
	2 %		BENTO	NITE, BULK (100003682)								
	7.356 Gal		FRESH	WATER	-								
3	Tail Ceme	ent	HALCE	M (TM) SYST	EM (452986	5)	80.0	sacks	15.6	1.19	5.08		5.08
0.4 % HALAD(R)-9, 50 LB (100001617)							-						
	2 lbm		KOL-SE	AL, BULK (10	00064233)								
	5.076 Gal		FRESH	WATER									
4	Displacer (TBC)	nent					219.00	bbl	8.33	.0	.0	.0	
Ca	lculated '	Values	340 1	Pressu	res				V	olumes			
Displa	cement	219 E	BL Shu	ıt In: Instant		Lost R	eturns	0	Cement S	lurry	80 BB	L Pad	
Top Of	Cement	2931	FT 5 IV	in		Cemen	t Returns	0	Actual Displacement		nt 219 BE	LTreatm	ent
Frac G	radient		15	Viin		Spacer	rs	10 BBL Load and Breakdown				Total J	ob
						F	Rates						
Circu	Circulating 3 Mixing 5					5	Displac	ement	ment 5.5		Avg. Job		4
	ent Left In		Amoun	t 84 ft Re	ason Shoe	e Joint							
Frac Ring # 1 @ ID Frac ring # 2 @ ID						ID	Frac Ring # 3 @ ID Frac Ring #			#4@	ID		
Th	e Inform	ation	Stated	Herein Is	Correct	Custon	ner Represe	entative S	Signature				

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