

P.O. Box 1570

Woodward, OK 73802

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

Date	Invoice #
8/6/2012	1435

Invoice

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

	Ordered By	Terms	Da	ate of Service	Leas	e Name/Legal Desc.	Drilling Rig					
	Bobby Jopling	Net 45		8/6/2012	Shrack	1-28H, Harper Cnty, OK	Unit 310					
	Item	Quantity		Description								
20" P Mous 16" P Cellar 6' X 6 Mud a Trans Grout Grout Weldd Dirt R	e Hole ipe Thole Tinhorn and Water port Truck - Conductor & Trucking Pump er & Materials Lemoval		90 80 80 1 1 1 1 10 1 1 1	Furnished cover p Permits Al W Co Ar Co	of 20 inch couse hole of 16 inch millar hole of 16 inch millar hole of 16 inch millar hole of X 6' tinhind water of the water of trucking nump and material equipment of the water of the w	ouse hole pipe orn ocation to location						
					Su	btotal	\$17,800.00					
					Sa	les Tax (0.0%)	\$0.00					
						Total	\$17,800.00					

Cementing Job Summary

The Road to Excellence Starts with Safety Sales Order #: 9760608 Sold To #: 305021 Ship To #: 2946904 Quote #: Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Edwards, Tripp API/UWI #: 15-077-21869 Well Name: Shrack Well #: 1-28H County/Parish: Harper State: Kansas Field: City (SAP): ANTHONY Legal Description: Section 28 Township 34S Range 6W Rig/Platform Name/Num: 310 Contractor: Unit Drilling * Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: NGUYEN, VINH Srvc Supervisor: WALTON, SCOTTY MBU ID Emp #: 478229 Job Personnel Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs STOOPS, LEVI Keith 9.5 523378 521237 OSBORN, JAMES 9.5 518950 APPLEBEE, SCOTT J 9.5 David WALTON, SCOTTY 9.5 478229 Dwayne Equipment HES Unit # Distance-1 way HES Unit# Distance-1 way HES Unit # Distance-1 way Distance-1 way HES Unit# **Job Hours** On Location Operating On Location Operating On Location Operating Date Date Date Hours Hours Hours Hours Hours Hours 8-21-12 8-22-12 1.5 Total is the sum of each column separately TOTAL Job **Job Times Formation Name** Date Time Time Zone Formation Depth (MD) Top 21 - Aug - 2012 18:00 CST Bottom Called Out 21 - Aug - 2012 22:00 CST BHST Form Type On Location Job depth MD 720. ft Job Depth TVD 22 - Aug - 2012 05:09 CST Job Started 22 - Aug - 2012 06:04 CST Water Depth Wk Ht Above Floor Job Completed Perforation Depth (MD) From 22 - Aug - 2012 CST To Departed Loc 07:30 Well Data Description Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** New / TVD TVD Used pressure ft MD lbm/ft in in ft ft ft psig 12.25" Open Hole 12.25 440. 12.25" Open 440. 720. 12.25 Hole-Lower 9.625" Surface Unknow 9.625 8.921 36. LTC J-55 720. Casing n **Tools and Accessories** Type Size Qty Make Depth Type Size Qtv 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 **Miscellaneous Materials Gelling Agt** Conc Surfactant Conc Acid Type Qty Conc % **Treatment Fld** Conc Inhibitor Conc Sand Type Size Qtv

	the participation	Fluid Company of the Fluid Com	uid Data						
St	age/Plug #: 1								
Fluid	Stage Type	Fluid Name	Qty	Qty	Mixing	Yield	Mix Fluid	Rate	Total Mix
#	2 200			uom	Density	ft3/sk	Gal/sk	bbl/min	Fluid Gal/sk
					lbm/gal				

Summit Version: 7.3.0039

Cementing Job Summary

1	Fresh Wa	iter					10.00	bbl	8.33	.0	.0) .	.0			
2	Halliburto Light Stan		EXTENI	DACEM (T	TM) SYSTE	EM (452981)	190.0	sacks	12.4	2.12	11.	68		11.68		
	3 %		CALCIU	M CHLOF	RIDE, PELI	ET, 50 LB (101509387	')								
	0.25 lbm		POLY-E	-FLAKE (101216940))										
	11.676 Ga	ı	FRESH	WATER												
3	Standard		SWIFTC	SWIFTCEM (TM) SYSTEM (452990) 200.0 sacks 15.6 1.2 5.32 5.32												
	2 %		CALCIU	M CHLOF	RIDE, PELI	ET, 50 LB (101509387	<u>'</u>)								
	0.125 lbm		POLY-E	-FLAKE (101216940))										
	5.319 Gal		FRESH	WATER												
4	Displacer	nent					52.00	bbl	8.33	.0	.0) .	0			
5	Standard Out Cemer **With CC side** 94 lbm	nt .	(100003			A REG OR	O TYPE I, BU	sacks JLK (100	15.6 0003684)	1.2	5.2			5.28		
	2 %	ii.	CALCIU	M CHLOR	RIDE, PELL	ET, 50 LB (101509387	')								
	5.278 Gal		FRESH	WATER												
С	alculated \	Values	s	Pres	sures					Volume	es					
Displa	acement		Shu	ıt In: Insta	int	Lost F	Returns		Cement Slurry			Pad				
Гор С	of Cement		5 Mi	in		Ceme	nt Returns	65	Actual Displacement		ment		eatment			
Frac (Gradient		15 N	/lin		Space			Load an	d Break	To	otal Job				
							Rates									
Circu	ulating			Mixing		,	Displac	ement			Av	g. Job				
	nent Left In		Amount	-	the control of the same of the same of	Shoe Joint										
_	Ring # 1 @		ID	Frac ring	#2@	ID	Frac Rin	g # 3 @	!	ID	Frac R	ling # 4	@	ID		

Summit Version: 7.3.0039

Cementing Job Summary

The Road to Excellence Starts with Safety Sales Order #: 9770482 Sold To #: 305021 Ship To #: 2946904 Quote #: Customer Rep: Edwards, Tripp Customer: SANDRIDGE ENERGY INC EBUSINESS API/UWI #: 15-077-21869 Well Name: Shrack Well #: 1-28H City (SAP): ANTHONY County/Parish: Harper State: Kansas Field: Legal Description: Section 28 Township 34S Range 6W Rig/Platform Name/Num: Unit 310 Contractor: Unit Drilling * Job Purpose: Cement Intermediate Casing Job Type: Cement Intermediate Casing Well Type: Development Well Srvc Supervisor: JOHNSON, ROBERT MBU ID Emp #: 418417 Sales Person: NGUYEN, VINH Job Personnel Exp Hrs Emp# Emp# **HES Emp Name** Emp# **HES Emp Name** Exp Hrs **HES Emp Name** Exp Hrs 523867 492805 PROVINES, TYLER SLAUGHTER, 30 JOHNSON, ROBERT 30 418417 30 MICHAEL Eugene David Wesley Equipment HES Unit# HES Unit # Distance-1 way **HES Unit#** HES Unit# Distance-1 way Distance-1 way Distance-1 way **Job Hours** On Location Operating Date On Location Operating Date On Location Operating Date Hours Hours Hours Hours Hours Hours 08/26/2012 08/27/2012 12.5 10 0 Total is the sum of each column separately TOTAL Job **Job Times** Formation Name Date Time Time Zone 26 - Aug - 2012 07:45 CST Formation Depth (MD) Top Bottom Called Out BHST 26 - Aug - 2012 13:00 CST Form Type On Location 27 - Aug - 2012 CST 4985. ft Job Depth TVD 4985. ft 08:31 Job depth MD Job Started Wk Ht Above Floor Water Depth 27 - Aug - 2012 10:05 CST 8. ft Job Completed Perforation Depth (MD) From 27 - Aug - 2012 12:15 CST To Departed Loc **Well Data** Description New / Max Size ID Weight **Thread** Grade Top MD **Bottom** Top **Bottom TVD** TVD Used pressure in in lbm/ft ft MD ft ft ft psig 8.75" Open Hole 8.75 720 5154. 7" Intermediate LTC P-110 Unknow 26. 5154. 7. 6.276 Casing n 9.625" Surface 36. LTC J-55 720. Unknow 9.625 8.921 Casing n **Tools and Accessories** Make Depth Size Make Type Size Qty Make Depth Type Size Qtv Type Qtv **Guide Shoe** Packer Top Plug 7 5W 7 WF 4856 Float Shoe Bridge Plug **Bottom Plug** 1 Float Collar 7 1 WF 4942 SSR plug set Retainer Insert Float Plug Container 7 QL 1 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					
Sta	ge/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/s

Stage/Plug #: 1

Summit Version: 7.3.0040

Cementing Job Summary

Fluid #	Stage T	ype		Fluid N	ame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/s
1	Rig Suppl Gel Spacer						30.00	bbl	8.33	.0	.0	.0	
2	50/50 Poz Standard	-	ECONO	CEM (TM) SY	STEM (452	992)	120.0	sacks	13.6	1.54	7.36		7.36
	0.4 %		HALAD(F	R)-9, 50 LB (1	00001617)								
	2 lbm		KOL-SEA	AL, BULK (10	0064233)								
-	2 %		BENTON	ITE, BULK (1	00003682)								
	7.356 Gal	FRESH \	VATER										
3	Premium HALCEM (TM) SYSTEM (45)	180.0	sacks	15.6	1.19	5.08		5.08
	0.4 %		HALAD(F	R)-9, 50 LB (1	00001617)								
	2 lbm		KOL-SEA	AL, BULK (100	0064233)								
7.7	5.076 Gal		FRESH \	VATER									
4	Displacem	ent						bbl	8.33	.0	.0	.0	
C	alculated \			Pressur	es	\$11.TE			V	olumes			
	cement	185	ACTUAL VALUE OF	In: Instant	2,54-2,62-1014E	Lost Re	eturns	YES	Cement S	lurry	71	Pad	
	Cement	313	1	ACCOUNT OF THE PARTY OF THE PAR		Cemen	t Returns		Actual Di		ent 185	Treatm	nent
	radient		15 M	in		Spacer	s	30	Load and	•		Total	lob
1700						R	ates				31.3		Name of the last
Circu	lating	4		Mixing	4	72-1-1	Displac	ement	4		Avg. J	ob	4
	ent Left In	Pipe	Amount		son Shoe	Joint							
Frac	Ring # 1 @		ID	Frac ring # 2	@ 1	D	Frac Rin	a # 3 @	II		Frac Ring	#4@	ID

Summit Version: 7.3.0040

Monday, August 27, 2012 11:04:00

Cementing Job Summary

The Road to Excellence Starts with Safety

					111	e noau t	ULX	cenen	ce stai	to MI	ui Saie	Ly						
Sold To #:	30502	21		Shi		‡ : 294690			Quot	7.00				Sale	s Ord	der#	: 97924	84
Customer:			E ENE		-						Rep: E	dwa	rds, Trip					
Well Name					1110			: 1-281		011101		4110	API/L	•	15-0	77-2	1869	
Field:	Ollic	ICK	Ci	tv /9	AD \. A	VNTHONY			ty/Paris	ch: H	arnor		/AI 1/C		e: Ka			
	uintia	m. Coo							ty/Fair	511. 11	arper			Stat	.c. Na	ilisas		
Legal Desc				0 100	wnsnip				- /N I	046								
Contractor						Rig/Plat	torm	Name	e/Num:	310)							
Job Purpos					Liner	T												
Well Type:						Job Typ												
Sales Pers	on: N	IGUYE	N, VIN	IH		Srvc Su	perv	isor:	WALTO	DN, S	COTTY	IV.	IBU ID I	Emp #	t : 478	8229		
								Job P	ersonr									
HES Em			Exp Hrs		np#			Name		p Hrs	Emp #			Emp N			xp Hrs	
BROWNIN	G, JO	HN	3	515	5883	OSBORN	1, JA	MES	8		518950		VAN DEF		ST,		8	515877
Brent	0007	T				David							DANIEL	Scott				
WALTON, Dwayne	SCOT	TY	8	478	3229													
								Equ	ipment	t			1					
HES Unit #	Dis	tance-	1 way	HES	3 Unit	# Dista	nce-	1 way	HES	Unit	# Dis	tanc	e-1 way	HE	S Unit	#	Distanc	ce-1 way
												1						
						v		Job	Hours									
Date	On	Location	on O	perat	ing	Date		On Lo			erating	T	Date	(On Lo	catio	n Or	perating
		Hours		Hour	_			Ho			Hours				Но	urs		Hours
9-4-12		7		2		9-5-12		1			0							
TOTAL									Total is	the s	um of ea	ch c	olumn se	parate	ly			
				Jol	b								J	ob Tir	nes			
ormation N	ame												Da	ite		Time	Tir	ne Zone
ormation D	epth (MD) T	ор			Botto	m			Calle	d Out		04 - Sep	o - 201	2	14:00		CST
orm Type					BHST	Γ				On Lo	ocation		04 - Sep	o - 201	2	17:00		CST
ob depth M	D	9	9047. ft		Job [Depth TVD				Job S	Started		04 - Sep	- 201	2	22:05		CST
Vater Depth					Wk H	t Above F	loor			Job C	Complete	ed	04 - Sep	- 201	2	23:21		CST
Perforation [Depth	(MD) F	rom			То				Depa	rted Loc	;	05 - Sep	- 201	2	01:00		CST
								We	II Data									
Description	on	New /	Ma	X	Size	ID	Weig	ght	Th	read		Gr	ade T	ор МС	Во	ttom	Тор	Bottom
		Used	press	sure	in	in	lbm	/ft						ft	r	MD	TVD	TVD
			psi	ig												ft	ft	ft
6.125" Open						6.125								5154.	_	047.		
4.5" Producti	on	Unknov	V		4.5	4.	11.	6	L	.TC		N-	80	4753.	90	047.		
.iner 7" Intermedia	nt o	n Unknov			7.	6.276	26			.TC		- D	110		5	154.		
Casing	ile	n	v		1.	0.270	20	•	L	.10		P-	110	•	5	154.		
4" Drill Pipe		Unknov	V		4.	3.34	14		Unk	nown					47	753.		
an isomorea de orjectos		n				,												
							Tool	s and	Acces	sorie	S							
Type	Size	Qty	Make	Dep	oth	Туре	Siz	e Q	ty IV	lake	Depth		Type		Size		Qty	Make
uide Shoe				1	Pa	cker					•	Top	Plug				•	
loat Shoe						idge Plug							tom Plug	9				
loat Collar						etainer						_	R plug se					
nsert Float													g Contai					
tage Tool						•						Cer	tralizers					
	salet is					ı	/lisc	ellane	ous Ma	teria	ls					1157		
Belling Agt			Co	nc		Surfac	ctant			Cor	ıc	Ac	d Type			Qty		Conc %
reatment FI	-		Ca	nc		Inhibit	or			Cor	10	1921	nd Type			Size	(Qty

Summit Version: 7.3.0040

Stage/Plug #: 1

Wednesday, September 05, 2012 00:50:00

Fluid Data

Cementing Job Summary

Fluid	Stage 1	уре		Flo	uid Nar	ne		Qty	Qty	Mixing	Yield	Mix Fluid		5 15 1553	l Mix
#						- 3			uom	Density Ibm/gal	ft3/sk	Gal/sk	bbl/min	Fluid	Gal/sk
1	Rig Supp Gel Space							30.00	bbl	8.5	.0	.0	.0		
	50/50 PO STANDAR 2% extra g	D (w/	ECON	IOCEM (TN	I) SYS	ΓΕΜ (4529	992)	290.0	sacks	13.6	1.54	7.36		7.3	36
	0.4 %		HALA	D(R)-9, 50	LB (100	0001617)									
	2 lbm		KOL-S	SEAL, BULK	< (1000	64233)									
	2 %		BENT	ONITE, BU	LK (100	0003682)									
	7.356 Gal		FRES	H WATER											
3	Displacer	nent						117.00	bbl	8.33	.0	.0	.0		
C	alculated	Values	3	Pre	ssures	144.33				V	olumes	e diam es			a de
Displa	cement		SI	nut In: Inst	ant		Lost R	eturns		Cement S	lurry		Pad		
Гор О	f Cement		5	Min			Cemer	t Returns		Actual Di	splaceme	ent	Treatm	ent	
rac G	radient		15	Min			Spacei	'S		Load and Breakdown		wn	Total J	lob	
7							F	Rates					表表示	14.34.1	
Circu	lating			Mixin	g			Displac	ement			Avg. J	ob		
Cem	ent Left In	Pipe	Amou	int 80 ft	Reas	on Shoe	Joint			-					
Frac I	Ring # 1 @		ID	Frac ring	g # 2 @		D	Frac Rin	g # 3 @	10) F	rac Ring	#4@	ID	
Tł	ne Inform	ation	State	d Herein	Is Co	rrect	Custor	ner Represe	entative S	Signature				•	,