INVOICE

DATE	INVOICE#
5/20/2013	3949

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TO L	(i=2).j	4-321	6
	Woodwa	ard. OK	

BILL TO

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

EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
BARBER, KS	5/20/2013	3126	UNIT 310	4J RANCH 3408 2-33H	Due on rec

Description

DRILLED 90' OF 30" CONDUCTOR HOLE
DRILLED 6' OF 76" HOLE
FURNISHED AND SET 6' X 6' TINHORN CELLAR
FURNISHED 90' OF 20" CONDUCTOR PIPE
FURNISHED I LOAD(S) MUD
FURNISHED WELDER AND MATERIALS
FURNISHED 11 YARDS OF GRADE A CEMENT
FURNISHED GROUT PUMP
DRILL MOUSE HOLE
FURNISHED 80' OF 14" CONDUCTOR PIPE FOR MOUSE HOLE

TOTAL BID \$ 17,000.00

Sales Tax (7.3%)

\$202.79

TOTAL

\$17,202.79

JUN 6 2013

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 3	30502	21		Ship	То #	: 300076	52	OF	Qı	uote #	#:				Sa	les	Order	#: 90	0471	243
Customer: 8	SANE	RIDGI	E ENE							uston	ner R	Rep: W	lebs	ter, Jo	hn					
Well Name:	4JR	anch 3	408			W	ell#	: 2-3	3H					API	/UWI	#:				
Field:			Cit	y (SAF): V	VALDRO	V	Cou	inty/P	arish	: Hai	rper			St	ate:	Kansa	S		
Legal Desci	iptio	n: Sec	tion 16	Towr	ship	33S Ra	nge	6W												
Contractor:	UNI	T				Rig/Plat	form	Na	me/Nu	ım: 3	310									
Job Purpos	e: C	ement	Surfac	e Casi	ng															
Well Type:						Job Typ	e: C	eme	nt Sur	face (Casir	ng								
Sales Perso	n: F	RENC	H, JEF	REMY		Srvc Su							N	BU I) Emp) #:	45888	6		
			,						Perso						•		<u> </u>			
HES Emp	Nam	ne E	xp Hrs	Emp	#	HES				Exp F		Emp#		HES	S Emp	Nan	ne	Ехр Ғ	írs	Emp#
DAVIS, RO	BERT	Т	6	45888	36	MARTIN, Franklin	GRE	EGO		6		394376		STOOF	S, LE	VI Ke	eith	6		23378
TAVAI, MAS	T NO		6	42352	21															
								Ed	quipm	ent						-		i:		
HES Unit #	Dist	tance-1	way	HES U	nit #	Dista	nce-			IES U	nit #	Dist	anc	e-1 wa	v I H	ES L	Jnit #	Dist	ance	-1 way
		7						Jo	b Hou	urs										
Date	1	Locatio		peratin Hours	g	Date		On l	_ocatic		•	ating ours		Date	е		Locati Hours	on		rating
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TOTAL									Tota	al is the	e sun	n of ea	ch c	olumn :	separa	telv				-
		5 100		Job					7,010	1	0 0411	, 0, 04	077 0		Job 1		S	т. н	17	10 12
Formation Na	ame			0010											Date		Tim	e	Time	Zone
Formation De		MD) T	qo			Bottom				Ca	alled	Out	_			n - 2013 05:0				
Form Type		, , ,		E	HST									02 - Jun - 2013			11:15		CST	
Job depth MI)	7	88.7 ft	J	ob D				788.7 ft		Job Started			02 - Jun - 2013			13:19		C	ST
Water Depth				V	/k Ht	Above F	loor		8. ft	Jo	b Co	mplete	ed	02 - J	02 - Jun - 2013		n - 2013 14:1		C	ST
Perforation D	epth	(MD)F	rom			То				De	eparte	ed Loc		02 - J	un - 20	013	16:0	00	C	ST
								M	lell Da	ata										
Descriptio	n	New /	Ma		ize	ID	Weig	ght		Thre	ad		Gr	ade	Top N	/ID	Botton			Bottom
		Used	press		in	in	lbm	/ft							ft		MD ft	T\		TVD
12.25" Open	Hole		psi	g		12.25									80.	-	800.	f		ft
9.625" Surfac		Unknow	,	9.	625	8.921	36			LTC	2		J-	55			800.			
Casing		n			300.000		Ersoner)													
Preset Condu	ctor	Unknow n	1	2	20.	19.124	94										80.			
x = "				v		32.5	Tool	ls ar	nd Acc	esso	ries	9	5		115					41
Туре	Size	Qty	Make	Depti	1	Туре	Siz	ze	Qty	Mak	ce [Depth		Туре		S	ize	Qty	,	Make
Guide Shoe					Pa	cker							Top	Plug		9.6	625	1		
Float Shoe					_	idge Plug							_	tom PI	_					
Float Collar					Re	tainer								R plug				991		
nsert Float					-									g Cont		9.6	625	1		
Stage Tool									8 30 5 400	11.21			Cer	tralize	rs					
0-11: 0 1		1			_				neous				14			'n			-	
Gelling Agt Treatment Flo	1		Co Co		-	Surfac				_	Conc			d Type			Qty			nc %
realment FIG	4		CO	IIC		Inhibit	LOF			(Conc	<u> </u>	Sal	nd Typ	U		Size	=	Qt	У
	ř							FI	uid Da	ata				-						

	Fluid Data											
Sta	age/Plug #: 1		- X					9	N			
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density	Yield ft3/sk	Mix Fluid	Rate	Total Mix Fluid Gal/sk			
				uom	lbm/gal	110/310	Gal/sk	DOMINI	r iaia Gai/Sit			

Summit Version: 7.3.0081

Sunday, June 02, 2013 15:13:00

Cementing Job Summary

Fluid #	Stage T	уре	Fluid Name				Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	200, 200, 3	al Mix d Gal/sl	
1	Fresh Wa	ter					10.00	bbl	8.33	.0	.0	.0			
2	HLC STANDAR	D	EXTEN	DACEM (TM)	SYSTEM (4	52981)	250.0	sacks	12.4	2.11	11.64		1	1.64	
	3 %		CALCIL	JM CHLORIDE	, PELLET,	50 LB (1	01509387	7)							
	0.25 lbm		POLY-E	POLY-E-FLAKE (101216940)											
	11.637 Ga	I	FRESH	WATER											
3	STANDAI	RD	SWIFT	CEM (TM) SYS	STEM (4529	90)	150.0	sacks	15.6	1.2	5.32		5	5.32	
	2 %		CALCIL	JM CHLORIDE	, PELLET,	50 LB (1	01509387	7)							
	0.125 lbm			E-FLAKE (1012											
	5.319 Gal		FRESH	WATER	·····			×							
4	Displacer	nent						bbl	8.33	.0	.0	.0			
Ca	alculated	Values		Pressur	es	1	Volumes						3 7		
Displa	cement	57	Shu	ıt In: Instant		Lost Re	turns	0	Cement S	126	126 Pad				
Top O	f Cement	0	5 M	in		Cemen	Cement Returns		Actual Displacement		nt 57	Treatm	nent		
	radient		15 [Vlin	2	Spacer	s		Load and			Total	lob	193	
		21					ates		= ,			*1			
Circu	lating			Mixing	5		Displac	ement	5.5	j .	Avg. J	ob	Ę	5	
Cem	ent Left In	Pipe	Amoun	t 42 ft Rea	son Shoe	Joint	•		1						
Frac I	Ring # 1 @		ID	Frac ring # 2		D	Frac Rin	g # 3 @	IC	Fr	ac Ring	#4@		ID	
Tł	ne Inform	ation	Stated	Herein Is C	Correct	Custom	er Represe	ntative Si	gnature		0		,	,	

Summit Version: 7.3.0081

Cementing Job Summary

The Road to Excellence Starts with Safety Quote #: Sales Order #: 900522954 Sold To #: 305021 **Ship To #**: 3004611 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Webster, John API/UWI #: 15-077-21931 Well Name: 4J Ranch 3408 Well #: 3-33H County/Parish: Harper State: Kansas City (SAP): WALDRON Field: Legal Description: Section 33 Township 34S Range 8W Rig/Platform Name/Num: 310 Contractor: UNIT Job Purpose: Cement Intermediate Casing Well Type: Development Well Job Type: Cement Intermediate Casing Sales Person: FRENCH, JEREMY Srvc Supervisor: VAUGHAN, RYAN MBU ID Emp #: 453194 Job Personnel **HES Emp Name** Exp Hrs **HES Emp Name HES Emp Name** Exp Hrs Emp# Emp# Exp Hrs Emp# TORRES, DIEGO 390647 VAUGHAN, RYAN 453194 STOOPS, LEVI Keith 523378 Lopez **Nicholas Equipment** HES Unit# HES Unit# Distance-1 way 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 6/22/13 4 TOTAL Total is the sum of each column separately Job **Job Times Formation Name** Date Time Zone Time Formation Depth (MD) Top Bottom Called Out 22 - Jun - 2013 12:00 CST 22 - Jun - 2013 CST Form Type BHST 18:00 On Location Job depth MD 22 - Jun - 2013 5515. ft Job Depth TVD 5514. ft Job Started 00:00 CST Water Depth Wk Ht Above Floor 5. ft Job Completed 22 - Jun - 2013 02:00 CST Perforation Depth (MD) From То Departed Loc 22 - Jun - 2013 00:00 CST Well Data Description Bottom New / Max Size ID Weight Thread Grade Top MD Top **Bottom** TVD Used **TVD** pressure in in lbm/ft MD ft psig ft ft ft 8.75" Open Hole 800. 8.75 5515. 7" Intermediate Unknow 7. 26. LTC P-110 5515. 6.276 Casing n 9.625" Surface Unknow 9.625 8.921 36. LTC J-55 800. Casing n **Tools and Accessories** Type Size Qty Make Depth Type Size Qty Make Depth Type Size Qty Make **Guide Shoe** Packer Top Plug 7 hes Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container 7 hes Stage Tool Centralizers Miscellaneous Materials

			Fluid Data					
Sta	ige/Plug #: 1	在 是是一种特别的一种。						
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	 Total Mix Fluid Gal/sk

Conc

Conc

Acid Type

Sand Type

Conc

Qtv

Qty

Size

%

Surfactant

Inhibitor

Stage/Plug #: 1

Gelling Agt

Treatment Fld

Summit Version: 7.3.0081 Saturday, June 22, 2013 21:10:00

Conc

Conc

Cementing Job Summary

S	tage/Plu	g #: 1											
Fluid #		Туре		Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sl
1	Rig Sup Gel Wate						30.00	bbl	8.33	.0	.0	.0	
2	50/50 P STANDA 2% extra	RD (w/	ECONOCEM (TM) SYSTEM (452992)				140.0	sacks	13.6	1.51	7.34		7.34
	0.4 %		HALA	D(R)-9, 50 LB (1	00001617)		1						
	2 %		BENT	ONITE, BULK (*	100003682)								
	7.337 G	al	FRES	H WATER	·								
3	Premium HALCEM (TM) SYSTEM (452986))	190.0	sacks	15.6	1.18	5.2		5.2	
	0.4 %			D(R)-9, 50 LB (1									L
	5.197 G	al		H WATER	•								
4	Displac	ement					206.00	bbl	8.33	.0	.0	.0	
C	alculated			Pressui	'es				V	olumes			建长度可能多数
A CHARLES STORY	cement	206	ALMOND TO SERVICE AND ADDRESS OF THE PERSON	nut In: Instant		Lost Re	ost Returns		Cement Slurry		78	Pad	
	f Cement	344	7 5	Min		Cemen	t Returns	0	Actual Di		ent 206	Treatm	nent
	Gradient			Min		Spacer	s	30	Load and			Total	lob
						The same of the sa	ates	San San A	4 20 1918	是数据表示	A SHATE		and the same of
Circu	lating			Mixing	4.	5	Displac	ement	7		Avg. Jo	ob	6
Cen	nent Left	In Pipe	Amou		son Shoe	Joint	•						
Frac	Ring #1	@	ID	Frac ring # 2	@ 1	D	Frac Rin	g # 3 @	11	ו כ	Frac Ring	#4@	ID
TI	he Infor	mation	State	d Herein Is (Correct	Custon	ner Repres	entative S	Signature				

Summit Version: 7.3.0081

Saturday, June 22, 2013 21:10:00