

Conductor, Rat and Mouse Hole Drilling Services

Ticket

Company:		Date: .8/21/20	012
Sandridge			
Drill Rig:	Location:	Lease Name:	
Tomcat 3	Ford County	Kerle #1-1SWD	
120' of 30" Drilled Cond	uctor Hole	Kourlou HI HEEFED	6,5133
120' of 20" Conductor F	Pipe(.250 wall) 82ppf	1	
6'x6' Cellar Tinhorn W/F		AFE Number: DC12	133
Drill & Install cellar		Well Name: Kacla	1-1
20' of 20" Drilled Moush	nole	Code: 850-010	
20' of 16" Moushole Pip		Amount: 21,500.	And .
40' of 20" Drilled Rathol		Co. Man:	Part of
	ie .	Co. Man Sig.:	
40' of 16" Pipe		Notes:	
Mobilization of Equipme		·ee	
Welding Services, for Pip			
Provided Equipment & L	Labor for Dirt Removal		
Provided Personal to Fa	cilitate Diggtess(One Ca	ıll)	
Provide Metal for Lids(1	for the Conductor and	2 for the Mouse hole pi	pe)
12 Yards of 4500PSI con-	crete Poured down the	back side of Conductor	Pipe
			-
	1		404 400 00
Comments:) Thank You For Your Business			Total \$21,500.00
If a caving formation and (or) w	rater is found addition fee(s) w	ill be add to cover the cost	
of tank trucks, vacuum trucks, a			
conditions, if rock is present the	en there will be a surcharge.		
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		l l	

Cementing Job Summary

					Th	e Road to	Exce			Safe	ty			_			27050	20	
Sold To #: 3	30502	1		Ship	To #	4: 294966	4	200	ote #:				Sa	iles (Order	#: 5	97958	80	
Customer:			ENEF	RGYII	NC E	BUSINES	SS	Cu	stomer F	Rep: S	Solis, L								
Well Name:						VVe	ell #: 1	SWD				API	/UWI	#:					
Field:	Tana	2022		y (SAI	P)· F				arish: Fin	nev			St	ate:	Kans	as			
Contractor:	TON	CAT	Oit	y (OA	' /. '	Rig/Platf													
			0	- Casi	ina	ixign lati	Omi	unionival											
Job Purpos				e Cas	ing	1			Cool										
Well Type:						Job Type					10.0	D11.15	\ F	и.	2040	10			-
Sales Perso	on: N	GUYE	N, VINI	-		Srvc Sup				505	IVI	BO II) Emp) #:	2210	13			_
			-					b Perso								-		F	
HES Em	p Nam	e E	xp Hrs				Emp Na		Exp Hrs	Emp :	#		S Emp		ne		p Hrs	Emp	
JIMENEZ,	JESUS		6.8	2218	313	LAYNE, C	DLAND	IS	6.8	517538			SON,			6.	8	47682	26
Medrano										_	R	AYLA	עאט			+			_
TREJO, NO)E		6.8	4562	243														
								Equipme	ent										
HES Unit #	Dist	ance-1	way	HES	Unit	# Distar	1ce-1 v	ES Unit #	Dis	tance	-1 wa	y H	IES (Jnit#		Distanc	stance-1 way		
		-																	
								Job Hou	ırs										
Date	On	Locatio	n O	peratir	na T	Date		1 Locatio		rating	\top	Dat	е	On	Loca	tion	Or	eratir	ng
Date		Hours		Hours	-	Date		Hours		ours					Hours			Hours	,
9-6-12		7		2				1,700											
TOTAL					1			Tota	l is the su	m of ea	ach co	lumn	separa	ately					
IOIAL		T. W. Albert		Job	a living	ED OF LIVER	- 17	3042 LA-1		Der i	1207		Job '		S				
Formation N	0000	and a second	in beatil	300	Frank's	10 m	100 L		2.4		T		Date	Time Time Zone					ne
		MD) T	an			Botto	m		Called	Out			Sep - 2	012		:00		CST	
Formation D	eptn (יון (טוע	ор		внѕ		··· 1		On Lo							1	CST		
Form Type	_	4	105 4					1105. ft					Sep - 2			:00	CST		
Job depth M		1	105. ft			Depth TVD		1105.10	Job Co				Sep - 2			:00	CST		
Water Depth					VVK	It Above F	oor						Sep - 2			:00	+	CST	
Perforation I	Depth	(MD) F	rom			То		10/ II D	Depar	ea Lo	C	00 - 0	seh - 2	.012	07	.00		001	
								Well Da	Thread			1-	Top	BAD	Datte		Тор	Bott	ton
Descripti	on	Used pressure		Size					ad C		Grade To		1	Botto		TVD	TV		
					in	in	lbm/ft						ft		ft		ft	fi	
			psi	g		10.05		_							1100		110	ļ	
12.25" Open		In Land			0.000	12.25	36.		LTC		J-5	55	<u> </u>		110	_			
9.625" Surfa	ce	Jnknow	'	1	9.625	0.921	30,		LIC		0-0				110				
Casing	J. 1945	n	10-2-081-3			Sa	loe/Re	ntal/3rd	Party (HI	-51		411		1 - 4	100				
		yale. The	The Park	D.			163/110	iitano	i arcy (iii	-01	Qty	Oty	uom	Dep	oth		Supp	lier	
DILLO ONTO	LUG,CMTG,TOP,9 5/8,HWE,8.16 MIN				scription						-	A	201	-					
			/VE,8.10	VIIIVI C	9.00	IVIA					100		В		-				
SUGAR - GR	ANUL	AIED									100		ט			-			-
			A Letter		71.7				essories			_			•	T -	06::	RA.	.1
Type	Size	Qty	Make	Dep		Type	Size	Qty	Make	Depth		Тур		S	ize		Qty	Ma	ке
Guide Shoe					P	acker						Plug					1		
Float Shoe						ridge Plug						tom P				-			
Tout Office					R	letainer						plug							
													tainer	 		_			
Float Collar											Cen	traliz	ers						
Float Collar Insert Float Stage Tool																			
Float Collar Insert Float	1 29.3				-		Viscel	laneous	Material	S	YENGE .		-2.5				-	11	T -
Float Collar Insert Float			Со	onc		Surfa		laneous	Material Con			d Typ nd Typ			Q	ty ze	-	Conc	%

Fluid Data

Stage/Plug #: 1

Cementing Job Summary

tal Mix d Gal/sk		Rate bbl/min	Fluid al/sk	1	Yield ft3/sk	Mixing Density	n	u	Qty		Fluid Name					Stage T	Fluid #
				_		bm/gal	_										
11.00	 	4	.0		.0	8.33	1	b	10.00						iter	Fresh Wa	1
11.68	1	5	1.68	11	2.12	12.4	KS	sa	285.0	52981)	YSTEM (4	ACEM (TM) S	END	EXT	nent	Lead Cen	2
								7)	0150938	0 LB (1	PELLET, 5	A CHLORIDE,	CIUN	CAL		3 %	
												FLAKE (1012				0.25 lbm	
												WATER	SHV	FRE		11.676 Ga	
5.32	!	5	5.32	5	1.2	15.6	ks	sa	160.0	90)	ΓΕΜ (4529	EM (TM) SYS	FTCE	SW		Tail Ceme	3
								7)	0150938	0 LB (1	PELLET,	M CHLORIDE,	CIUN	CAL		2 %	-
												FLAKE (1012)	0.125 lbm	-
												WATER				5.319 Gal	
		5	.0		.0	8.33	1	k	75.00							Displace	4
Fed 1			- 9-4		olumes	V	- 15-		_			Pressur	1.34	BS-RS-TD		(TBC)	
		Pad	142	Т		ement S		T	ofurno	Lost R	75		01 (alculated	
	Treatment		75	ent					t Return					75	acement		
		Total			Actual Displacement Load and Breakdown						ACE 5 Min			SURF	of Cement		
8 1					Broanac	Oad aria	0 L		Rates	Spacer		iin [15 M	Seat Ca	- 140 LLX 240 T	Gradient	Frac C
5		oh	Avg. J	_		5	né I	2000		ALL THE LETTER	-		Arguit.	A. 14			Maria Maria
		OD	179.0				HIL	acen	Displ		5	Mixing	1_			ulating	
ID		ac Ring # 4 @		ID Evac						Amount 42 ft Reason Shoe			Cement Left In Pipe				
10		# 4 (0)	King	riac							@	Frac ring # 2		ID		Ring # 1 @	Frac
		#4@	Ring	Frac	D	Jnature			Frac R	D	@	Frac ring # 2 Herein Is C		ID		Ring # 1 @	Frac

Cementing Job Summary

The Road to Excellence Starts with Safety Sales Order #: 9826257 Sold To #: 305021 Ship To #: 2949664 Quote #: Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Robles, Ricky API/UWI #: 15-057-20835 Well Name: Karla 2922 SWD Well #: 1-1 County/Parish: Ford State: Kansas Field: City (SAP): FORD Legal Description: Section 1 Township 29S Range 22W 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: KLAUSE, JOHN MBU ID Emp #: 456246 Job Personnel Emp# **HES Emp Name** Emp# HES Emp Name Exp Hrs Emp# **HES Emp Name** Exp Hrs Exp Hrs NASH, JONATHAN 524600 WIFA, HENRY 491916 KLAUSE, JOHN 456246 11 David Clark Neniebari Equipment HES Unit# Distance-1 way HES Unit# Distance-1 way HES Unit# Distance-1 way HES Unit # Distance-1 way 11706683 10995019 10990703 11019295 Job Hours Operating Date On Location Operating Date On Location Operating Date On Location Hours Hours Hours Hours Hours Hours 9-22/23 11 5 TOTAL Total is the sum of each column separately **Job Times** Job Time Zone **Formation Name** Date Time 9-22 1200 Formation Depth (MD) Top Called Out Bottom 9-22 2100 Form Type BHST On Location Job depth MD 6236. m Job Depth TVD 6236. m Job Started 9-23 0500 Water Depth 0700 **GMT** Wk Ht Above Floor Job Completed 9-23 Perforation Depth (MD) From 9-23 0900 To Departed Loc Well Data Description Weight New / Max Size ID Thread Grade Top MD **Bottom** Top Bottom **TVD** TVD Used MD pressure mm mm kg/m m MPa m m m 8.75" Open Hole 6236 8.75 1000. 7" Intermediate Unknow 6.314 24.8 6236. 7. 6196. Casing Lower n Unknow 7" Intermediate 7. 6.276 26. BTC J-55 6196. Casing Upper 9.625" Surface n Unknow 9.625 8.921 36. LTC J-55 1000. Casing n Sales/Rental/3rd Party (HES) Supplier Description Qty Qty uom Depth PLUG, CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS EA **Tools and Accessories** Make Type Size | Qty | Make | Depth Size Make Depth Size Qty Type Qtv Type Guide Shoe Top Plug Packer Float Shoe Bridge Plug **Bottom Plug** Float Collar SSR plug set Retainer 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

Summit Version: 7.3.0040

Stage/Plug #: 1

Fluid Data

Cementing Job Summary

Fluid #	Stage	Туре		Fluid N	ame		Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/ tonne	Rate m3/min	Total Mix Fluid m3/ tonne			
1	Fresh W	ater					10.00	ldd	8.33	.0	.0	.0				
2	Lead Ce	ment	ECONO	CEM (TM) SY	STEM (452	(992)	190.0	sacks	13.6	1.54	7.36		7.36			
	0.4 %		HALAD	(R)-9, 50 LB (1	00001617)				1							
	2 lbm	2 lbm KOL-SEAL, BULK (100064233)														
	2 %		BENTO	NITE, BULK (1	00003682)											
	7.356 Ga	al	FRESH	WATER												
3	Tail Cen	ent	HALCE	M (TM) SYSTE	M (452986	5)	80.0	sacks	15.6	1.19	5.08		5.08			
	0.4 %		HALAD	(R)-9, 50 LB (1	00001617)			-								
	2 lbm		KOL-SE	AL, BULK (10	0064233)											
	5.076 Ga	al	FRESH	WATER												
4	Displace (TBC)	ment					236.00	bbl	8.33	.0	.0	.0				
Ca	alculated	Values		Pressur	es				V	olumes		1.50	wantary.			
	cement	236		t In: Instant	1748	Lost Re	eturns	0	Cement S	lurry	52/17	Pad				
	Cement	378	3 5 M	in	Cement		t Returns		Actual Displacemen		ent 236	Treatm	ent			
Frac G	radient		15 [/lin	Spacer	S		Load and			Total J	ob				
		13846					ates					5.45				
Circu	lating	5		Mixing	6	3	Displac	ement	7		Avg. J	ob	7			
Cem	ent Left Ir	1 Pipe	Amoun	t 84 ft Rea	son Shoe	Joint										
Frac Ring # 1 @ ID Frac ring # 2 @						D	Frac Rin	g # 3 @	10) F	rac Ring	#4@	ID			
Th	e Inforn	nation	Stated	Herein Is C	orrect	Custon	ner Represe	entative S	Signature							