

Conductor, Rat and Mouse Hole Drilling Services

Ticket

Company:		Date: 7/29/20	12
Sandridge			
Drill Rig:	Location:	Lease Name:	
Tomcat 3	Ford County	Brobee #1-26 SWD	DC 11992
120' of 30" Drilled Cond	uctor Hole	2	1000
120' of 20" Conductor F	ipe(.250 wall) 82ppf	VI P MAINAI	1992
6'x6' Cellar Tinhorn W/I	Protective Ring	Well Name: Brohee	1-265WD
Drill & Install cellar	•	Code: 850, 010	7
20' of 20" Drilled Moush	nole	Amount al. Soo.	F
20' of 15" Moushole Pip	e	Co. Man:	12/1
40' of 20" Drilled Rathol	e	Co. Man Sig.:	7
40' of 15" Shuck		140/05	
Mobilization of Equipme	ent & Road Permitting Fe	e	
Welding Services for Pip			
Provided Equipment & L			
	cilitate Diggtess(One Call)	
Provide Metal for Lids(1			ia.
13 Yards of 4500PSI cond	crete Poured down the b	ack side of Conductor P	line
		adit orac or collegion (ibe
Comments:)	· · · · · · · · · · · · · · · · · · ·	Topo.	odel ¢24 F00 00
Thank You For Your Business		ein	otal \$21,500.00
If a caving formation and (or) wo of tank trucks, vacuum trucks, a conditions, if rock is present the	nd cement pump trucks. Rrices:	be add to cover the cost figured on non-rocky soil	
		. –	

Cementing Job Summary

						Road to		ellen			th Safe	ty							
Sold To #:	30502	21		Ship T	o #:	294411	0		Quo	ote#:				Sal	les Or	der	#: 97327	775	
Customer:	SANI	DRIDG	E ENE	RGY IN	CEE	BUSINES	SS		Cus	tomer	Rep: N	lan, (Compan	y					
Well Name	: Brok	oee				W	ell#:	1-26	SWD				API/U	WI #	<i>t</i> :				
Field:			Cit	ty (SAP)	: DC	DGE CI	ITY	Coun	ty/Par	rish: Fo	ord			Sta	ate: Ka	ansa	S		
Legal Desc	criptic	n: Sec							•										
Contractor				A 30 - 2000-30 (30)		Rig/Platt			e/Num	n: 3									
Job Purpo		CONTRACTOR OF THE PERSON OF TH	Surfac	e Casino					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•									
Well Type:						Job Typ	e: Ce	ment	Surfa	ce Cas	ina								
Sales Pers				Н	-	Srvc Su					9	R/I	BU ID E	mn	# · 37	1263	3		
ouloo i cio	011.	10012	.14, 7114			EDUARE		301.	OAINI	KILLO,		IVI	ם ום ב	шр	m. 01	1200	,		
						_D 07 (1 (L		Job P	erson	nel			<u> </u>						-
HES Em	n Nar	ne	Exp Hrs	Emp #	ŧ	HES		Name		xp Hrs	Emp #	¥ T	HES E	mn	Name		Exp Hrs	Em	n #
CARRILLO			7.5	371263		LUNA, JO				7.5	480456		1cClellon,				7.5	4960	
EDUARDO		0		0,1200		2011/11/00	, ,	•		,,,	100 100	´ "	1001011011	Juli	1100		7.0	1000	. 10
Willioms, D			7.5	511430)														
								Eau	ipmeı	nt									
HES Unit #	Dis	tance-	1 wav I	HES Un	it#	Dista	nce-1		-	S Unit #	# Dis	tance	-1 way	HE	S Uni	t #	Distan	ce-1 v	vav
10243558		mile		1074429		85 mile		,	_	84078	85 1				24986		85 mile		
11133699	85	mile		1115026	32	85 mile			115	15116	85 1	nile							-
								loh	Hour										
Date	On	Location	on O	perating	_	Date		On Loc			rating		Doto		Onla				
Date		Hours		Hours	1	Date	- 1	Jn Loc Hou			rating lours		Date		On Lo	ocatio ours		perati Hours	
8-10-2012		3.5		1	-	3-11-2012	2	4			2.5	+		-	110	uis		Hours	,
TOTAL		0.0				3 11 2012				is the si		ch co	lumn sep	arat	elv				
				Job					, otal	10 1110 00	1111 01 00	011 00			imes	(A)		Kara I	
Formation N	lame			0010		A SOURCE OF SOURCE							Dat	ACAD STREET	111100	Tim	A Ti	ne Zo	na
Formation D		MD) T	ор			Botto	m			Called	Out	-	10 - Aug		12	12:3		CST	116
Form Type			ST					_	On Location		10 - Aug			20:2		CST			
Job depth N	1D	1	1451. ft			pth TVD		145	51. ft	_	tarted		11 - Aug			00:3		CST	
Water Depth						Above FI	oor		. ft		omplet		11 - Aug			01:4		GMT	
Perforation		(MD) F	rom			То					parted Loc		11 - Aug						
	•							Wel	I Data										
Descripti	on	New /	Ma	x Siz	ze	ID	Weig			hread		Gra	de To	рΜ	D Bo	otton	Тор	Bot	tom
•		Used	press	5.000		in	lbm/							ft		MD	TVD	8 10	/D
			psi	g												ft	ft	f	t
12.25" Open						12.25									1	438.			
9.625" Surfa	ce	Unknov	v	9.6	25	8.921	36.			LTC		J-5	55		1	438.			
Casing	124 - 124 - 1	n	General Control	EN AND ENTERS					. rd -				3-25 -30 -30 -30	212-1016	e Marie Cart San	MIGGIN			
		是沒是對					ies/R	ental	3" Pa	arty (H	ES)								
DI 110 014T0	TOD	0 = /0 : "	ME 5	Desc								Qty	Qty uon	n l	Depth		Supp	olier	
PLUG,CMTG	, TOP,	9 5/8,H\	vv⊨,8.16	MIN/9.0	ы MA							1	EA						
							100000000000000000000000000000000000000	ALTERNATION OF THE PERSONS AND	SCHOOL SHOOL SERVICE	ssories						MATE A			
Туре	Size	Qty	Make	Depth		Гуре	Size	e Q	ty	Make	Depth	_	Type		Size		Qty	_	ike
Guide Shoe					Pacl								Plug		9 5.8		1	H	1
Float Shoe						ge Plug							om Plug	_					
Float Collar					Reta	ainer							plug set		.				
nsert Float													Contain	er	9 5/8		1	H	1
Stage Tool			et Stock in Stockers		The same			5 /58/2NI		112775-00-00		Cent	ralizers		A. 15 AL 60	12.505			
> -111.								llane	ous N	laterial	OR ALL PROPERTY AND ADDRESS OF THE PARTY AND A								
Gelling Agt	I a I	-	Co			Surfac				Con			Type	-		Qty		Conc	%
Treatment F	ıd		Co	nc		Inhibit	or			Con	C	San	d Type			Size	.	Qty	

Fluid Data
Stage/Plug #: 1

Summit Version: 7.3.0039

Cementing Job Summary

Fluid #	Stage 1	Гуре		Fluid	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk		Total Mix Fluid Gal/sk
1	Fresh Wa	ıter					10.00	bbl	8.33	.0	.0	.0	
2	Lead Cen	nent	EXT	ENDACEM (TM)	SYSTEM (4	52981)	350.0	sacks	12.4	2.12	11.68		11.68
	3 %		CAL	CIUM CHLORID	E, PELLET,	50 LB (1	01509387	')			-		
	0.25 lbm		POL	Y-E-FLAKE (101	216940)				0.01				
	11.676 Ga	ıl	FRE	SH WATER									
3	Tail Ceme	ent	SWI	FTCEM (TM) SY	STEM (4529	90)	160.0	sacks	15.6	1.19	5.3		5.3
	1 %	-	CAL	CIUM CHLORID	E, PELLET,	50 LB (1	01509387	')			<u> </u>	1	
	0.125 lbm			Y-E-FLAKE (101		•		•					
	5.302 Gal		FRE	SH WATER									
4	Displacer	nent					108.00	bbl	8.33	.0	.0	.0	
Ca	lculated	Values		Pressu	res			A Harris	V	olumes			
Displa	cement	109		Shut In: Instant		Lost R	eturns	0	Cement S	The state of the s	166	Pad	
Top Of	Cement	Surfa	ce	5 Min		Cemen	t Returns		Actual Dis		ent 109	Treatm	ent
Frac G	radient			15 Min		Spacer	S	10	Load and	Breakdo	wn	Total J	ob 285
						F	lates						
Circu	lating	6		Mixing	6		Displac	ement	6		Avg. J	ob	6
Cem	ent Left In	Pipe	Amo	ount 42 ft Re	ason Shoe	Joint	· · · · · · · · · · · · · · · · · · ·						
Frac F	Ring # 1 @		ID	Frac ring #	2 @	D	Frac Rin	g#3@	ID		Frac Ring	#4@	ID
Th	e Inform	ation	Stat	ted Herein Is	Correct	Custon	ner Represe	entative S	Signature				· · · · ·

510 sxs total

Summit Version: 7.3.0039

Saturday, August 11, 2012 02:40:00

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 **Ship To #**: 2944110 Quote #: Sales Order #: 9760275 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Robles, Ricky Well Name: Brobee Well #: 1-26 SWD API/UWI #: Field: City (SAP): DODGE CITY County/Parish: Ford State: Kansas Legal Description: Section 26 Township 26S Range 24W Contractor: TOMCAT Rig/Platform Name/Num: 3 Job Purpose: Cement Intermediate Casing Well Type: Disposal Well Job Type: Cement Intermediate Casing Sales Person: NGUYEN, VINH Srvc Supervisor: MONTOYA-MOLINAS, MBU ID Emp #: 483764 ARTHUR Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# MENDOZA, VICTOR 19 442596 MONTOYA-MOLINAS, STELL, KEVIN 19 483764 19 450776 ARTHUR J Woodrow 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 On Location Date Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 8-28-2012 12 1 8-29-2012 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 28 - Aug - 2012 04:30 CST Form Type BHST On Location 28 - Aug - 2012 12:00 CST Job Depth TVD Job depth MD 5932. ft 5932. ft 28 - Aug - 2012 Job Started 23:09 CST Water Depth Wk Ht Above Floor 4. ft 29 - Aug - 2012 CST Job Completed 00:30 Perforation Depth (MD) From 29 - Aug - 2012 To Departed Loc 01:45 CST **Well Data** Description New / Max Size ID Weight Thread Grade Top MD Bottom Bottom Top Used pressure TVD in in lbm/ft ft MD TVD psig ft ft ft 8.75" Open Hole 8.75 1438. 5930. 7" Intermediate Unknow 7. 6.276 BTC P-110 26. 5930. Casing n 9.625" Surface Unknow 9.625 8.921 36. LTC J-55 1438. Casing Sales/Rental/3rd Party (HES) Description Qty Qty uom Depth Supplier PLUG, CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS EA **Tools and Accessories** Type Size Qty Make Depth Type Size Qty Make Depth Type Size Make Qty 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 Conc % Qty Treatment Fld Inhibitor Sand Type Size Conc Conc Qty

Fluid Data

Summit Version: 7.3.0040

Cementing Job Summary

S	tage/Plug	#: 1	一种基础		速步 时							
Fluid #	Stage '	Туре	Flui		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sl	
1	Rig Gel S (Rig will p					30.00	bbl	8.33	.0	.0	.0	
2	Lead Cer		ECONOCEM (TM)	SYSTEM (452	992)	200.0	sacks	13.6	1.54	7.36		7.36
	0.4 %		HALAD(R)-9, 50 LE	3 (100001617)								
	2 lbm		KOL-SEAL, BULK	(100064233)								
	2 %		BENTONITE, BULK	(100003682)								
	7.356 Ga		FRESH WATER	,								
3	Tail Cem	ent	HALCEM (TM) SYS	STEM (452986)	80.0	sacks	15.6	1.19	5.08		5.08
	0.4 %		HALAD(R)-9, 50 LE		•							
	2 lbm		KOL-SEAL, BULK	(100064233)								
	5.076 Ga	I	FRESH WATER	,								
4	Displacem C	nent/TB				222.00	bbl	8.33	.0	.0	.0	
Ca	alculated	Values	Press	sures				V	olumes			
Displa	cement	222 BB		nt	Lost R	eturns	0	Cement S	lurry	72 BBLS	Pad	
	f Cement	3357 F			Cemen	t Returns	0	Actual Di	splacem	ent 222 BBLS	Treatm	ent
Frac G	radient		15 Min		Spacer	s	30 BBLS	Load and	Breakdo	wn	Total J	ob
id ignor					R	ates	特別數 數					
Circu		3	Mixing	5		Displac	ement	7.5	5	Avg. Jo	ob	6
Cem	ent Left In				Joint							
	Ring # 1 @	1	D Frac ring	# 2 @	D	Frac Ring	n # 3 @	ID		Frac Ring	#4@	ID

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