		· · · · · · · · · · · · · · · · · · ·				PROJECT NUMBE	R	ПС	KET DATE		
	J	IOB SUMN	//AR				3232			12/18/13	
Harper Kansas Sandridge Exploration & Production			CUSTOMER REP Jerry Bias								
LEASE NAME	Well No). JOB TYPE				EMPLOYEE NAME		2.6.			
Danielle 3406	1-17H	Intermedia	ate			1	Arthur :	Setze	er		
EMP NAME											
L. ARNEY	В	Iryan Douglas		\dashv				-			
M. QUINTANA	-			_				_			
D. TEWELL	\dashv			-			-	-			
F. HELKENA	ᆜᆗᆜ										
Form. Name	гуре	:		Calle	d Out	TOn Location	n L	loh S	Started	JJob Co	mpleted
Packer Type ——	Set A	At 0	Date	12	7/17/2013	12/17/2			2/5/2013		5/2013
Bottom Hole Temp. 15		sure					1				
Retainer Depth		Depth5758	Time	1	1500	2200	لــــــــــــــــــــــــــــــــــــــ	0	355	06	00
Tools and					M	Well [Weight		ادد	Cann I	Τ.	May Allaur
Type and Size	Qty	Make	Casina		New/Used	vveignt 26#	7"		From Surface	To 5,850	Max. Allow 5,000
Auto Fill Tube Insert Float Va	0	IR IR	Casing		-	20#	 '		Surrace	3,000	3,000
Centralizers	0	IR IR	Liner					\dashv	+		
Top Plug	0	IR IR	Tubing			 	0	\dashv			
HEAD	0	IR	Drill Pig	96	1		 	-			
Limit clamp	0	İR	Open F				83/4"		Surface	5,788	Shots/Ft.
Weld-A	0	İR	Perfora								
Texas Pattern Guide Shoe	0	IR	Perfora	tions							
Cement Basket	0	IR	Perfora								
Mate		×	Hours (Operating			Descript	ion of Job	
Mud Type WBM	Density_	9 Lb/Gal	Date		Hours	Date 12/18	Hours 2.0	-	Intermed	liate	
Disp. Fluid Fresh Water Spacer type resh Wate BB		8.33 Lb/Gal 8.33	12/5		7.0	12/10	2.0	-			
Spacer type Fresh Wate BB Spacer type Caustic BB	L. 20		12/1		6.0	-	\vdash	\dashv			
Acid Type Ga	<u> </u>	-% · · ·		+							
Acid Type Ga		-%									
Surfactant Ga		In									
NE Agent Ga		_ln		_				_			
	il/Lb	in		_			ļ	\dashv			
	1/Lb	ln		_			-	-			
Fric. Red. Ga	ıl/Lb ıl/Lb	ln	Total	-	15.0	Total	2.0	\dashv			
WISCG		-"'	rotar	-	10.0	i otai					
Perfpac Balls	Qty.	-				Pro	essures				
Other			MAX	5	,000 PSI	AVG.					
Other					o DDW	Average					
Other			MAX		8 BPM	Comon	t Left in F	lina			
Other			J1		89	Reason	CHOE	ioini	r		
Other			Feet		00	Reason	SHOL	Oliv	1		
			C.		Data						
Stage Sacks Cem	ont		Additive		Dala	_			W/Rq.	Yield	Lbs/Gal
1 290 50/50 POZ		4% Gel - 0.2% FL-			0.3% C-20 - 0	4% C-41P			6.93	1.43	13.60
2 100 Prem		0.2% FL-17 - 0.1%							5.19	1.19	15.60
3 0 0				10 -					0.00	0.00	0.00
			Sur	nmar	У				-		
Preflush 10	Туре		gel		reflush:	BBI	30.		Type:		pacer
Breakdown			5,000 PSI		oad & Bkdn:		N/.		Pad:Bbl Calc.Dis		N/A 220
		Returns-NN	NO/FULL		xcess /Retur	II DDI	3,2		- Actual D		220.00
Average		p Plug PSI:			inal Circ.	PSI:	50		_Disp:Bb		220.00
ISIP 5 Min.	10 M		in		ement Slurn		95	.Ú			
				$\overline{}$ T	otal Volume	BBI	345	.00			
		h			-17						
CUSTOMER REPRE	SENTAT	IVE									
J J J J J J J J J J J J J J J J J J J	O-141711					SIGNATURE					

	JOB SUM	MARY				3289	110,000	12/	27/13	
COUNTY State					CUSTOMER REP	inco Br	ALIAN A			
Harper Kansas dridge Explora		ration & r	tion & Produc Vin				ince Brown			
Danielle 3406 1-17H Misc Pump		nping	ping			Bryan Dougla				
EMP NAME										
Bryan Douglas	0									
Jared Green										
Arthur Setzer			-				_			
David Settlemier			\perp							
Form. NameTy	ype:		Collor	d Out	On Location	n I	Job Started	-	Joh Co	mpleted
Packer Type Se	et At 0	Date		2/26/2013	12/26/2		12/26/2		12/	27/2013
	ressure					i				
Retainer Depth To	otal Depth 0	Time)630	0930		2300		01	00
Tools and Acces				Manufilland	Well D		del From		To	Max. Allow
Type and Size Qty Auto Fill Tube 0	Make IR	Casing		New/Used	0.0	0	Surfac		To	1,500
Insert Float Va 0	IR IR	Liner		-	1 0.0	-	Darrac	-		1,000
Centralizers 0	IR IR	Liner	-			 		\neg		
Top Plug 0	IR	Tubing				3½"				
HEAD 0	IR	Drill Pi								
Limit clamp 0	IR	Open F	lole			6 1/8"	Surfac	e	0	Shots/Ft.
Weld-A 0 Texas Pattern Guide Shoe 0	IR	Perfora					-	-		
Texas Pattern Guide Shoe 0 Cement Basket 0	IR IR	Perfora				 		-		
Materials		Hours	On Lo	cation	Operating			cription	of Job	
Mud Type WBM Density	y 9 Lb/Gal	Date	9	Hours	Date	Hours	Mis	c Pumpi	na	
Disp. Fluid Fresh Water Density Spacer type Fresh water BBL.	ty 8.33 Lb/Gal 10 8.33	12/2	6	4.0	12/27	2.0		packer		
Spacer type Fresh water BBL	10 0.55	-	+					ssure te	st backs	side
Acid Type Gal.	% <u></u>									
Acid Type Gal.	%									
Surfactant Gal.	ln					-				
NE Agent Gal. Fluid Loss Gal/Lb	InIn	-	+							
Gelling Agent Gal/Lb	In		\neg							
Fric. Red. Gal/Lb	In									
MISC. Gal/Lb	In	Total		4.0	Total	2.0				
Perfpac BallsQf	tv				Pro	essures				
Other		MAX		2500	AVG.					
Otner				0.00%	Average	Rates in	BPM	200		
Other		MAX		6 BPM	AVG	t Left in F	lino			
Other Other		Feet			Reason	SHOF.	IOINT			
Ottlei		1 661			TCGSOIT	OHOL C	701111			
		C	ement	Data						
Stage Sacks Cement		Additive		Dutu			V	V/Rq.	Yield	Lbs/Gal
1 0 0								0.00	0.00	0.00
2 0 0								0.00	0.00	0.00
3 0 0							0	0.00	0.00	0.00
										<u> </u>
		Sui	nmar	v.						
Preflush Ty	ype:	Out		reflush:	BBI	10.0	00 Typ	e:		0
BreakdownM	IAXIMUM	2,500	L	oad & Bkdn:		N/A		d:BbT-G		N/A
	ost Returns-N ctual TOC	NO/FULL SURFACE	—- <u>E</u>	xcess /Retur	JI RRI	SURF		c.Disp I ual Disp		111 111.00
Average Bu	ump Plug PSI:	OUNI AGE		inal Circ.	PSI:	- Ook .		p:Bbl	<i>y</i> .	111.00
ISIF 5 Min 10	0 Min15	Min	с	ement Slurry	BBI					
			T	otal Volume	BBI	121.	00			
				//_	and the second second					
CUSTOMER REPRESENTA	ATIVE		4		OIOU POSE					
			. 4524		SIGNATURE					



Invoice

Date	Invoice #
11/19/2013	2262

P.O. Box 1570 Woodward, OK 73802

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

Bill To	
SandRidge Energy, I Attn: Purchasing Mg 123 Robert S. Kerr A Oklahoma City, OK.	gr. Avenue
1	

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Parker Waldridge	Net 30	4	Danielle 3406 1-17H, Harper Cnty, KS	Latshaw 27

Item	Quantity				Description	
Conductor Hole 20" Pipe 20" Pipe Mouse Hole Mouse Hole 16" Pipe Cellar Hole 6' X 6' Tinhorn Mud and Water Transport Truck - Conductor Grout & Trucking Grout Pump Fence Panels Welder & Materials Dirt Removal Cover Plate Permits		90 30 10 75 85 1 1 1 10 1 1 1 1	Drilled 90 ft. conductor hole Furnished 90 ft. of 20 inch cond Furnished 30 ft. of 20 inch cond Drilled 10 ft. mouse hole Drilled 75 ft. mouse hole Furnished 85 ft. of 16 inch mous Drilled 6' X 6' cellar hole Furnished and set 6' X 6' tinhorr Furnished mud and water to loca Furnished grout and trucking to Furnished grout pump Furnished safety netting around Furnished welder and materials Furnished labor and equipment of Furnished cover plates Permits	ductouse hern action local	or pipe or pipe for riser ole pipe n ation ductor holes	
			Sub	oto	tal	\$18,840.0
			Sale	es	Tax (0.0%)	\$0.0
					Total	\$18,840.00