



**INVOICE**

DATE	INVOICE #
12/16/2013	4439

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
CLARK, KS	12/11/2013	3390	TOMCAT 2	CARROLL 3023 1-31	Due on rec ..

Description

DRILLED 80' OF 30" CONDUCTOR HOLE  
 DRILLED 6' OF 76" HOLE  
 FURNISHED AND SET 6' X 6' TINHORN CELLAR  
 FURNISHED 80' OF 20" CONDUCTOR PIPE  
 FURNISHED 35' RAT HOLE SHUCK  
 FURNISHED 25' MOUSE HOLE SHUCK  
 FURNISHED MUD, WATER, AND TRUCKING  
 FURNISHED WELDER AND MATERIALS  
 FURNISHED 9 YARDS OF GRADE A CEMENT  
 FURNISHED GROUT PUMP  
 DRILL RAT AND MOUSE HOLES

TOTAL BID \$14,500.00

<b>Sales Tax (7.8%)</b>	\$169.42
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<b>TOTAL</b>	\$14,669.42
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<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3302</b>	TICKET DATE <b>12/31/13</b>
COUNTY <b>Clark</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Bill Tomlinson</b>	
LEASE NAME <b>Carroll 3023</b>	Well No. <b>1-31</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Bryan Douglas</b>	

EMP NAME	<b>Bryan Douglas</b>				
	<b>Jared Green</b>				
	<b>Rocky Anthis</b>				
	<b>Aurthur Setzer</b>				

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **1230**

Date	Called Out <b>12/31/2013</b>	On Location <b>12/31/2013</b>	Job Started <b>12/31/2013</b>	Job Completed <b>12/31/2013</b>
Time	<b>0200</b>	<b>0800</b>	<b>1500</b>	<b>1700</b>

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing		36#	9"		Surface	1,230	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/2"		Surface	1,230	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	<b>9</b> Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b> Lb/Gal
Spacer type	Fresh Water	BBL.	<b>10</b> 8.33
Spacer type		BBL.	
Acid Type		Gal.	%
Acid Type		Gal.	%
Surfactant		Gal.	In
NE Agent		Gal.	In
Fluid Loss		Gal/Lb	In
Gelling Agent		Gal/Lb	In
Fric. Red.		Gal/Lb	In
MISC.		Gal/Lb	In
Perfoac Balls		Qty.	
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/31	9.0	12/31	2.0	Surface
Total	9.0	Total	2.0	

Pressures			
MAX	1,500 PSI	AVG.	400
Average Rates in BPM			
MAX	6 BPM	AVG	5
Cement Left in Pipe			
Feet	43	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	490	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4 pps Cello-Flake - .5% C-41P	11.11	2.01	12.40
2	195	Premium Plus (Class C)	2% Calcium Chloride - 1/4 pps Cello-Flake	6.32	1.32	14.80
3	*200	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	1,500 PSI	Preflush: BBI _____	10.00
	Lost Returns-# _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A
	Actual TOC _____	SURFACE _____		Excess /Return BBI _____	50
Average	Bump Plug PSI: _____	900		Calc. TOC: _____	SURFACE
ISIP _____ 5 Min.	10 Min _____	15 Min _____		Final Circ. PSI: _____	400
				Cement Slurry BBI _____	221.3
				Total Volume BBI _____	322.25

CUSTOMER REPRESENTATIVE Bill Tomlinson SIGNATURE