



**INVOICE**

DATE	INVOICE #
4/24/2014	4727

<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
HARPER, KS	4/23/2014	3584	LARIAT 40	GEORGE 3406 2-4H	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 MUD, WATER, AND TRUCKING FURNISHED WELDER AND MATERIALS FURNISHED 8 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE FURNISHED GROUT PUMP DRILL MOUSE HOLE FURNISHED 80' OF 16" CONDUCTOR PIPE  TOTAL BID \$19,000.00

<b>Sales Tax (6.15%)</b>	\$158.79
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<b>TOTAL</b>	\$19,158.79
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<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3676</b>	TICKET DATE <b>05/03/14</b>
COUNTY <b>Harper</b>	STATE <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Jackie Kennedy</b>	
LEASE NAME <b>George 3406</b>	Well No. <b>2-4H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Barry Barkley</b>	

EMP NAME <b>Barry Barkley</b>	<b>0</b>				
<b>Louis Arney</b>					
<b>Ron Derry</b>					
<b>0.00</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **611**

Date	Called Out	On Location	Job Started	Job Completed
	<b>5/2/2014</b>	<b>5/2/2014</b>	<b>5/2/2014</b>	<b>5/2/2014</b>
Time	<b>18:00</b>	<b>20:00</b>	<b>7:07</b>	<b>8:30</b>

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float V <sub>2</sub>	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

Well Data							
	New/Used	Weight	Size	Grade	From	To	
Casing		<b>36#</b>	<b>9 5/8"</b>		Surface	611	
Liner							
Liner							
Tubing			<b>0</b>				
Drill Pipe							
Open Hole			<b>12 1/4"</b>		Surface	605	Shots/Ft.
Perforations							
Perforations							
Perforations							

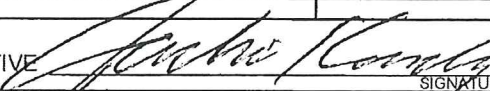
Materials			
Mud Type	WBM	Density	<b>9</b> Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b> Lb/Gal
Spacer type	Fresh Water	BBL.	<b>10</b> 8.33
Spacer type	BBL.		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>5/2</b>	<b>4.0</b>	<b>5/2</b>	<b>0.0</b>	Surface
<b>5/3</b>	<b>8.5</b>	<b>5/3</b>	<b>1.5</b>	
Total	<b>12.5</b>	Total	<b>1.5</b>	

Pressures			
MAX	750	AVG.	300
Average Rates in BPM			
MAX	5.5	AVG	4
Cement Left in Pipe			
Feet	43	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>180</b>	<b>O-Tex Lite 65/35 Poz: C</b>	<b>6% Total Gel - 2% Calcium Chloride - 0.4% C-41P - 1/2pps Cello-Flake</b>	<b>11.11</b>	<b>2.01</b>	<b>12.40</b>
<b>2</b>	<b>130</b>	<b>Premium Plus (Class C)</b>	<b>2% Calcium Chloride - 1/2pps Cello-Flake</b>	<b>6.32</b>	<b>1.32</b>	<b>14.80</b>
<b>3</b>	<b>0</b>	<b>Premium Plus (Class C)</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>

Summary					
Preflush	<b>10.00</b>	Type:	<b>Fresh Water</b>		
Breakdown	<b>MAXIMUM 1,500 PSI</b>	Preflush:	<b>BBI</b>		
	<b>Lost Returns-I NO/FULL</b>	Load & Bkdn:	<b>Gal - BBI N/A</b>	Pad:Bbl -Gal	<b>N/A</b>
	<b>Actual TOC SURFACE</b>	Excess /Return BBI	<b>20</b>	Calc. Disp Bbl	<b>44</b>
Average	<b>Bump Plug PSI: 750</b>	Final Circ.	<b>PSI: 250</b>	Actual Disp.	<b>43.90</b>
10 Min.	<b>10 Min. 15 Min.</b>	Cement Slurry	<b>BBI 95.0</b>	Disp:Bbl	<b>43.90</b>
		Total Volume	<b>BBI 148.90</b>		

CUSTOMER REPRESENTATIVE  SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3708</b>	TICKET DATE <b>05/11/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Jackie Kennedy</b>	
LEASE NAME <b>George 3406</b>	Well No. <b>2-4H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME <b>John Hall</b>	<b>0</b>				
<b>Joseph Klemm</b>					
<b>Roy Morris</b>					
<b>Randall Irvin</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **0**

Date	Called Out <b>5/10/2014</b>	On Location <b>5/10/2014</b>	Job Started <b>5/11/2014</b>	Job Completed <b>5/11/2014</b>
Time	<b>830pm</b>	<b>1030pm</b>	<b>200am</b>	<b>400am</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 Patten Guide Shoe	0	IR
Cement Basket	0	IR

Well Data		New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing			26#	7"		Surface	5,581	5,000
Liner								
Liner								
Tubing				0				
Drill Pipe								
Open Hole				8 1/2"		Surface	5,581	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	GEL	BBL.	<b>30</b> 10.00
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
Perfpac Balls		Qty.	
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/10	1.5	5/11	2.0	Intermediate
5/11	4.0			
Total	5.5	Total	2.0	

Pressures		
MAX	5,000 PSI	AVG.
Average Rates in BPM		
MAX	8 BPM	AVG
Cement Left in Pipe		
Feet	94	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	270	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.2% C-20 - 0.1% C-37 - 0.4% C-41P	6.93	1.43	13.60
2	100	Premium	0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.19	1.19	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns _____	Actual TOC _____	Bump Plug PSI: _____
Average ISIP _____	5 Min. _____	10 Min _____	15 Min _____	Preflush: BBI _____	Load & Bkdn: Gal - BBI _____
				Excess /Return BBI _____	Calc. TOC: _____
				Final Circ. PSI: _____	Cement Slurry BBI _____
				Total Volume BBI _____	329.90
				30.00	Type: Gel Spacer
				N/A	Pad:Bbl -Gal N/A
				N/A	Calc. Disp Bbl 210
				2,361	Actual Disp. 210.10
				750	Disp:Bbl 210.10
				89.8	

CUSTOMER REPRESENTATIVE *Jackie Kennedy* SIGNATURE

*Job well done*