

# Mid-Continent Conductor, LLC

## Invoice

Date	Invoice #
11/21/2012	1570

P.O. Box 1570  
Woodward, OK 73802

Phone: (580)254-5400

Fax: (580)254-3242

Bill To
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Parker	Net 45	11/21/2012	Lori 3510 3-2H, Barber Cnty, KS	Unit 9

Item	Quantity	Description
Conductor Hole	90	Drilled 90 ft. conductor hole
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe
Mouse Hole	80	Drilled 80 ft. mouse hole
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe
Cellar Hole	1	Drilled 6' X 6' cellar hole
6' X 6' Tinhorn	1	Furnished and set 6' X 6' tinhorn
Mud and Water	1	Furnished mud and water
Transport Truck - Conductor	1	Transport mud and water to location
Grout & Trucking	10	Furnished grout and trucking to location
Grout Pump	1	Furnished grout pump
Welder & Materials	1	Furnished welder and materials
Dirt Removal	1	Furnished labor and equipment for dirt removal
Cover Plate	1	Furnished cover plates
Permits	1	Permits

AFE Number: DC12482

Well Name: Lori 3510 3-2H

Code: 830.010

Amount: 16940.00

Co. Man: Ron Savage

Co. Man Sig: [Signature]

Notes: \_\_\_\_\_

<b>Subtotal</b>	\$16,940.00
<b>Sales Tax (0.0%)</b>	\$0.00
<b>Total</b>	<b>\$16,940.00</b>

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2156</b>	TICKET DATE <b>11/26/12</b>
COUNTY <b>Barber</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Ron Savage</b>	
LEASE NAME <b>Lori 3510</b>	Well No. <b>3-2H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>LOUIS ARNEY</b>	

EMP NAME	LOUIS ARNEY	0							
	JASON JONES								
	MARCOS QUINTANA								
	GALE WOMACK								

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **0**

Bottom Hole Temp. **80** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **950'**

Date	Called Out	On Location	Job Started	Job Completed
	<b>11/26/2012</b>	<b>11/26/2012</b>	<b>11/26/2012</b>	<b>11/26/2012</b>
Time	<b>0700</b>	<b>1200</b>	<b>14:30</b>	<b>16:30</b>

**Tools and Accessories**

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	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	Max. Allow
Casing	New	36#	9 5/8		Surface		1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	950'	Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	WBM	Density	9	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal
Spacer type	resh Water BBL.		20	8.33
Spacer type	BBL.			
Acid Type	Gal.		%	
Acid Type	Gal.		%	
Surfactant	Gal.		ln	
NE Agent	Gal.		ln	
Fluid Loss	Gal/Lb		ln	
Gelling Agent	Gal/Lb		ln	
Fric. Red.	Gal/Lb		ln	
MISC.	Gal/Lb		ln	

Hours on Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/26	4.5	11/26	2.0	Surface
Total	4.5	Total	2.0	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

**Pressures**

MAX	1,500	AVG.	150
Average Rates in BPM			
MAX	8 BPM	AVG	5
Cement Left in Pipe			
Feet	47 FT	Reason	SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	360	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	0	0		0	0.00	0.00

**Summary**

Preflush Breakdown	Type: _____	Preflush: BBI	10.00	Type: Fresh Water
	MAXIMUM _____	Load & Bkdn: Gal - BBI	N/A	Pad: Bbl - Gal N/A
	Lost Returns-N _____	Excess /Return BBI	36	Calc. Disp Bbl 67.71BBLS
	Actual TOC _____	Calc. TOC: _____	Surface	Actual Disp. 67.71BBLS
Average	Bump Plug PSI: _____	Final Circ. PSI: _____	275	Disp: Bbl _____
15IP _____ 5 Min.	10 Min _____	Cement Slurry: BBI	155.3BBLS	
	15 Min _____	Total Volume BBI	#VALUE!	

CUSTOMER REPRESENTATIVE \_\_\_\_\_

  
SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2178</b>	TICKET DATE <b>12/01/12</b>
COUNTY <b>Barber</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Ron Savage</b>	
LEASE NAME <b>Lori 3510</b>	Well No. <b>3-2H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Billy Taff</b>	

EMP NAME <b>Billy Taff</b>	<b>Kevin Johnson</b>				
<b>Emmit Brock</b>					
<b>Wallace Berry</b>					
<b>David Settlemier</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **3,897**

Bottom Hole Temp. **165** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **5308**

Date	Called Out <b>12/1/2012</b>	On Location <b>12/1/2012</b>	Job Started <b>12/1/2012</b>	Job Completed <b>12/1/2012</b>
Time	<b>7:00am</b>	<b>10:00am</b>	<b>1:00pm</b>	<b>3:00pm</b>

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	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	Max. Allow
Casing		26#	7"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,308	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>20</b> 8.33
Spacer type	Caustic BBL.		<b>10</b> 8.40
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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/1	5.0	12/1	2.0	Intermediate
Total	5.0	Total	2.0	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures			
MAX	5,000 PSI	AVG	400
Average Rates in BPM			
MAX	8 BPM	AVG	5
Cement Left in Pipe			
Feet	8'1	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	165	50/50 POZ PREMIUM	4% Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C-41P - 2 lb/sk Phenoseal	6.77	1.44	13.60
2	100	Premium	0.4% C-12 - 0.1% C-37	5.20	1.18	15.60
3	0	0		0	0.00	0.00
				0	0.00	0.00

Summary								
Preflush	<b>10</b>	Type:	Caustic	Preflush:	BBI	<b>30.00</b>	Type:	WEIGHTED SP.
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad:Bbl -Gal	N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBI	N/A	Calc. Disp Bbl	200
		Actual TOC	2,240	Calc. TOC:		2,240	Actual Disp.	200.00
Average		Bump Plug PSI:	1,000	Final Circ.	PSI:	1,000	Disp:Bbl	200.00
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBI	<b>63.0</b>		
				Total Volume	BBI	<b>293.00</b>		

CUSTOMER REPRESENTATIVE \_\_\_\_\_

*Ron Savage*  
SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2210</b>	TICKET DATE <b>12/11/12</b>
COUNTY <b>Barber</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Dwayne Burt</b>	
LEASE NAME <b>Lori 3510</b>	Well No. <b>3-2H</b>	JOB TYPE <b>Liner</b>	EMPLOYEE NAME <b>Robert Burris</b>	

EMP NAME								
Robert Burris		0.00						
Wesley Truex								
Dustin Odom								
Rocky Anthis								

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **5,298**

Bottom Hole Temp. **150** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **12255**

Date	Called Out	On Location	Job Started	Job Completed
	<b>12/11/2012</b>	<b>12/11/2012</b>	<b>12/11/2012</b>	<b>12/11/2012</b>
Time	<b>15:00</b>	<b>16:30</b>	<b>21:01</b>	<b>24:30</b>

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	<b>Weatherford</b>
Insert Float Val	0	
Centralizers	0	
Top Plug	0	
HEAD	0	
Limit clamp	0	
Weld-A	0	
Texas Pattern Guide Shoe	0	
Cement Basket	0	

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2		4815	12,255	
Liner Tool							
HWDP					3,460	4,815	
Drill Pipe			3 1/2"		Surface	3,460	
Drill Collars							
Open Hole			6 1/8"		Surface	12,255	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	<b>WBM</b>	Density	<b>9.1</b> Lb/Gal
Disp. Fluid	<b>Fresh Water</b>	Density	<b>8.33</b> Lb/Gal
Spacer type	<b>Gel BBL.</b>		<b>30</b> <b>8.59</b>
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			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>12/11</b>	<b>8.7</b>	<b>12/11</b>	<b>2.8</b>	<b>Liner</b>
<b>Total</b>	<b>8.7</b>	<b>Total</b>	<b>2.8</b>	

Pressures		
MAX	<b>5000 PSI</b>	AVG. <b>975</b>
Average Rates in BPM		
MAX	<b>6 BPM</b>	AVG <b>3</b>
Cement Left in Pipe		
Feet	<b>94</b>	Reason <b>SHOE JOINT</b>

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>560</b>	<b>50/50 Premium Poz</b>	<b>(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal</b>	<b>6.77</b>	<b>1.44</b>	<b>13.60</b>
<b>2</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>
<b>3</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	5000 PSI	Preflush: BBI _____	30.00
	Lost Returns-N _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A
	Actual TOC _____	4.697' _____		Excess /Return BBI _____	N/A
Average	Bump Plug PSI: _____	1,775 _____		Calc. TOC: _____	4.697'
15/10	5 Min. _____	10 Min _____	15 Min _____	Final Circ. PSI: _____	775
				Cement Slurrv: BBI _____	144.0
				Total Volume BBI _____	330.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_