

# Mid-Continent Conductor, LLC

## Invoice

P.O. Box 1570  
Woodward, OK 73802  
Phone: (580)254-5400  
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Date	Invoice #
5/1/2014	2642

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
Carl Miller	Net 30	5/1/2014	Wilson 3405 1-11H, Harper Cnty, KS	Latshaw 27

Item	Quantity	Description
Conductor Hole	90	Drilled 90 ft. conductor hole.
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe.
Mouse Hole	10	Drilled 10 ft. mouse hole.
Mouse Hole	75	Drilled 75 ft. mouse hole.
16" Pipe	85	Furnished 85 ft. of 16 inch mouse hole pipe.
Cellar Hole	1	Drilled 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Transport Truck - Conductor	1	Transport mud and water to location.
Grout & Trucking	11	Furnished 11 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Fence Panels	1	Furnished and set safety netting around holes.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor and equipment for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits

AFE Number DC 13483  
 Well Name Wilson 3405 1-11 H  
 Code 850 010  
 Amt 18,275.00  
 C. Vin  
 Co. [Signature]  
 No. [Signature]

<b>Subtotal</b>	\$18,275.00
<b>Sales Tax (0.0%)</b>	\$0.00
<b>Total</b>	<b>\$18,275.00</b>

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3693</b>	TICKET DATE <b>05/08/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Jerry Bias</b>	
LEASE NAME <b>Wilson 3405</b>	Well No. <b>1-11H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME	

EMP NAME					
Louis Arney		0			
Vontray Watkins					
Dan Tewell					
Ron Derry					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **650**

Date	Called Out <b>5/7/2014</b>	On Location <b>5/7/2014</b>	Job Started <b>5/8/2014</b>	Job Completed <b>5/8/2014</b>
Time	<b>1230</b>	<b>1600</b>	<b>0120</b>	<b>0300</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

Well Data						
New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	36#	9 1/4"		Surface	650	1,500
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole		12 1/4"		Surface	650	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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/7	8.0	5/8	1.1	Surface
5/8	3.0			
Total		Total		

Pressures			
MAX	1,500 PSI	AVG.	200
Average Rates in BPM			
MAX	6 BPM	AVG	4
Cement Left in Pipe			
Fee:	46	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	180	TEX Lite Premium Plus 65	(6% Gal) 2% Calcium Chloride - 1/2pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	150	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns-# _____	Actual TOC _____	Bump Plug PSI: _____
Average	5 Min. _____	10 Min. _____	15 Min. _____	Final Circ. PSI: _____	Cement Slurry BBI _____
				Total Volume BBI _____	

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

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3721</b>	TICKET DATE <b>05/15/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Vince Brown</b>	
LEASE NAME <b>Wilson 3405</b>	Well No. <b>1-11H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Bryan Douglas</b>	

EMP NAME	<b>Bryan Douglas</b>	<b>0</b>							
	<b>Rocky Anthis</b>								
	<b>Flo Helkena</b>								
	<b>Rj Stonehaucker</b>								

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

Packer Type \_\_\_\_\_ Set At **3,258'**

Bottom Hole Temp. **145** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **5,236'**

Date	Called Out	On Location	Job Started	Job Completed
	<b>5/15/2014</b>	<b>5/15/2014</b>	<b>5/15/2014</b>	<b>5/15/2014</b>
Time	<b>1300</b>	<b>1600</b>	<b>1900</b>	<b>2200</b>

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		<b>26#</b>	<b>7"</b>	Surface		<b>5,000</b>
Liner						
Liner						
Tubing		<b>0</b>				
Drill Pipe						
Open Hole			<b>8 3/4"</b>	Surface	<b>5,261'</b>	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	<b>8.33</b>	
Spacer type	Gel BBL.	<b>30</b>	<b>8.33</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>5/15</b>	<b>6.0</b>	<b>5/15</b>	<b>3.0</b>	Intermediate
				<b>1 BBL BACK</b>
Total	<b>6.0</b>	Total	<b>3.0</b>	

Pressures	
MAX <b>5,000 PSI</b>	AVG <b>200</b>
Average Rates in BPM	
MAX <b>8 BPM</b>	AVG <b>4</b>
Cement Left in Pipe	
Feet <b>83</b>	Reason <b>SHOE JOINT</b>

Cement Data									
Stage	Sacks	Cement	Additives				W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>260</b>	<b>50/50 POZ PREMIUM</b>	<b>4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.2% C-20 - 0.1% C-37 - 0.4% C-41P</b>				<b>6.93</b>	<b>1.43</b>	<b>13.60</b>
<b>2</b>	<b>100</b>	<b>Premium</b>	<b>0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P</b>				<b>5.19</b>	<b>1.19</b>	<b>15.60</b>
<b>3</b>	<b>0</b>	<b>0</b>					<b>0</b>	<b>0.00</b>	<b>0.00</b>

Summary							
Preflush	<b>30</b>	Type:	Gel	Preflush:	BBI	<b>30.00</b>	Type: Gel Spacer
Breakdown		MAXIMUM	<b>5,000 PSI</b>	Load & Bkdn:	Gal - BBI	<b>N/A</b>	Pad:Bbl -Gal <b>N/A</b>
		Lost Returns-N	<b>NO/FULL</b>	Excess /Return	BBI	<b>N/A</b>	Calc. Disp Bbl <b>197</b>
		Actual TOC	<b>3.025</b>	Calc. TOC:		<b>3.025</b>	Actual Disp. <b>197.31</b>
Average		Bump Plug PSI:	<b>1,200</b>	Final Circ.	PSI:	<b>700</b>	Disp:Bbl <b>197.31</b>
:SIP	<b>5 Min.</b>	10 Min		Cement Slurry:	BBI	<b>87.4</b>	
		15 Min		Total Volume	BBI	<b>314.72</b>	

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