



# Invoice

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 Woodward, OK 73802  
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Date	Invoice #
10/11/2012	1521

<b>Bill To</b>
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	10/11/2012	William 3510 2-11H, 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: DC12446

Well Name: William 3510 2-11 H

Code: 830.010

Amount: 17800<sup>00</sup>

Co. Man: Ron Savage

Co. Man Sig: [Signature]

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

<b>Subtotal</b>	\$17,800.00
<b>Sales Tax (0.0%)</b>	\$0.00
<b>Total</b>	<b>\$17,800.00</b>

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2017</b>	TICKET DATE <b>10/22/12</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>WILLIAM</b>	Well No. <b>1510 2-11</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>BILLY TAFF</b>	

EMP NAME					
<b>BILLY TAFF</b>	<b>0</b>				
JASON JONES					
MARCOS QUINTANA					
CHERYL NEWTON					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **950**

Date	Called Out <b>10/22/2012</b>	On Location <b>10/22/2012</b>	Job Started <b>10/22/2012</b>	Job Completed <b>10/22/2012</b>
Time	<b>12:00AM</b>	<b>2:00AM</b>	<b>5:30AM</b>	<b>7:45AM</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
Casing		36#	9	5/8"	Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12	1/4"	Surface	950
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	<b>0</b> Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b> Lb/Gal
Spacer type	resh Water	BBL.	<b>10</b> 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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/22	4.5	10/22	2.5	Surface
Total	4.5	Total	2.5	

Pressures		
MAX	1,500 PSI	AVG. 125
Average Rates in BPM		
MAX	6 BPM	AVG 4.5
Cement Left in Pipe		
Feet	47	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	390	TEX 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)	1% Calcium Chloride - 1/4pps 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	_____	Type: _____	Preflush:	BBI	<b>10.00</b>
Breakdown	_____	MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI
	_____	Lost Returns-N	NO/FULL	Excess /Return	BBI
	_____	Actual TOC	SURFACE	Calc. TOC:	<b>26</b>
Average	_____	Bump Plug PSI:	310	Final Circ. PSI:	<b>310</b>
ISIP	5 Min. _____	10 Min. _____	15 Min. _____	Cement Slurry: BBI	<b>165.4</b>
				Total Volume	BBI
					<b>243.40</b>

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



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2036</b>	TICKET DATE <b>10/27/12</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>WILLIAM</b>	Well No. <b>1510 2-111</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Robert Burris</b>	

EMP NAME <b>Robert Burris</b>	<b>Rocky Anthis</b>				
<b>Derek Lewis</b>					
<b>Wesley Truex</b>					
<b>Frank Reeves</b>					

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

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

Bottom Hole Temp. **155** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **5353**

Date	Called Out <b>10/27/2012</b>	On Location <b>10/27/2012</b>	Job Started <b>10/27/2012</b>	Job Completed <b>10/27/2012</b>
Time	<b>09:30</b>	<b>11:00</b>	<b>19:30</b>	<b>20:28</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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface	5,356	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,353	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> 8.59
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	
10/27	9.0	10/27	1.0	Intermediate
Total	9.0	Total	1.0	

Pressures			
MAX	5,000 PSI	AVG	800
Average Rates in BPM			
MAX	8 BPM	AVG	5
Cement Left in Pipe			
Feet	91	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	175	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		0.00	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average	5 Min. _____	10 Min. _____	15 Min. _____	Final Circ. PSI: _____	Cement Slurry: BBI _____
				Total Volume BBI	<b>293.00</b>
				Preflush: BBI	<b>30.00</b>
				Load & Bkdn: Gal - BBI	<b>N/A</b>
				Excess /Return BBI	<b>N/A</b>
				Calc. TOC:	<b>3,673</b>
				Final Circ. PSI:	<b>925</b>
				Cement Slurry: BBI	<b>65.0</b>
				Actual Disp.:	<b>198.00</b>
				Disp:Bbl	
				Pad:Bbl -Gal	<b>N/A</b>
				Calc. Disp Bbl	<b>202</b>
				Type: WEIGHTED SP.	

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

# JOB SUMMARY

<b>PROJECT NUMBER</b> SOK 2073			<b>TICKET DATE</b> 11/03/12		
<b>COUNTY</b> BARBER		<b>State</b> KANSAS		<b>COMPANY</b> Bridge Exploration & Produc	
<b>LEASE NAME</b> WILLIAM			<b>Well No.</b> I510 2-11		<b>JOB TYPE</b> Liner
<b>CUSTOMER REP</b> RON SAVAGE			<b>EMPLOYEE NAME</b> Matt Wilson		

<b>EMP NAME</b>	Matt Wilson	0.00					
Jared Green							
Emmit Brock							
David Thomas							

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

Packer Type \_\_\_\_\_ Set At 5,353

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

Retainer Depth \_\_\_\_\_ Total Depth 9639

Date	Called Out	On Location	Job Started	Job Completed
	11/3/2012	11/3/2012	11/4/2012	11/4/2012
Time	11:00 am	4:00 pm	12:34 am	3:00 am

**Tools and Accessories**

Type and Size	Qty	Make
Auto Fill Tube	0	Weatherford
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		4841	9,639	
Liner Tool							
HWDP					3,878	4,841	
Drill Pipe			3 1/2"		0	38,778	
Drill Collars							
Open Hole			6 1/8"		Surface	9,639	Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	WBM	Density	9.1	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal
Spacer type	Fresh Water BBL.	20	8.33	
Spacer type	Gaustic BBL.	10	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**

Date	Hours
11/3	8.0
11/4	3.0
<b>Total</b>	<b>11.0</b>

**Operating Hours**

Date	Hours
11/4	6.0
<b>Total</b>	<b>6.0</b>

**Description of Job**  
Liner

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

**Pressures**

MAX	3,500 PSI	AVG.	500
<b>Average Rates in BPM</b>			
MAX	6 BPM	AVG	4
<b>Cement Left in Pipe</b>			
Feet	45	Reason	SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	315	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal	6.77	1.44	13.60
2	0	0	Take 100 # Sugar	0.00	0.00	0.00
3	0	0		0	0.00	0.00

**Summary**

Preflush	10-	Type:	Caustic	Preflush:	BBI	20.00	Type:	8.59#SPACER
Breakdown		MAXIMUM	3,500 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	118
		Actual TOC	4,697'	Calc. TOC:		4,697'	Actual Disp.	118.00
Average		Bump Plug PSI:		Final Circ.	PSI:	750	Disp:Bbl	
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI	80.0		
				Total Volume	BBI	218.00		

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

*Ron Savage*  
SIGNATURE