



Invoice

P.O. Box 1570
Woodward, OK 73802

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Date	Invoice #
9/29/2012	1505

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
Joe Turner	Net 45	9/29/2012	William 3510 3-11H, 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 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Mud, Water, & Trucking	1	Transport mud and water to location.
Grout & Trucking	10	Furnished 10 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor & Equip. for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits.

AFE Number: DC-12445

Well Name: William 3510

Code: 850-010

Amount: 17,800.00

Co. Man: Dwayne Burt

Co. Man Sig.: Dwayne Burt

Notes: _____

Subtotal	\$17,800.00
Sales Tax (0.0%)	\$0.00
Total	\$17,800.00

\$17,800.00
100

JOB SUMMARY			PROJECT NUMBER SOK1970	TICKET DATE 10/08/12
COUNTY Barber	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Dwayne Burt	
LEASE NAME William	Well No. 1510 4-111	JOB TYPE Intermediate	EMPLOYEE NAME Matt Wilson	

EMP NAME Matt Wilson	vontray				
Arthur Setzar					
Jared Green					
David Thomas					

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **155** Pressure _____
Retainer Depth _____ Total Depth **5288**

Date	Called Out 10/9/2012	On Location 10/9/2012	Job Started 10/9/2012	Job Completed 10/9/2012
Time	5:00 am	9:00 am	11:41am	2:00 pm

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	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	5,273	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole				8 3/4"	Surface	5,288	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	Caustic 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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job Intermediate
Date	Hours	Date	Hours	
10/9	4.0	10/9	4.0	
Total	4.0	Total	4.0	

Pressures		
MAX	5,000 PSI	AVG. 300
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	130	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

Summary							
Preflush	10	Type: Caustic	Preflush: BBI	20.00	Type: WEIGHTED SP.		
Breakdown		MAXIMUM 5,000 PSI	Load & Bkdn: Gal - BBI	N/A	Pad: Bbl - Gal	N/A	
		Lost Returns- N	Excess /Return BBI	N/A	Calc. Disp Bbl	199	
		Actual TOC	Calc. TOC:	4,396	Actual Disp.	199.00	
Average		Bump Plug PSI:	Final Circ. PSI:	960	Disp: Bbl		
ISIP	5 Min.	10 Min.	Cement Slurry: BBI	54.0			
		15 Min.	Total Volume BBI	273.00			

CUSTOMER REPRESENTATIVE *Dwayne Burt* SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 1997	TICKET DATE 10/16/12
COUNTY BARBER	State Oklahoma	COMPANY Bridge Exploration & Produc	CUSTOMER REP DWAYNE BURT	
LEASE NAME WILLIAM 3510	Well No. #3H11	JOB TYPE Liner	EMPLOYEE NAME Robert Burris	

EMP NAME	Robert Burris	Rory				
Derek Lewis						
Rocky Anthis						
Frank Reeves						

Form. Name _____ Type: _____

Packer Type _____ Set At **5,273**

Bottom Hole Temp. **150** Pressure _____

Retainer Depth _____ Total Depth **9211**

Date	Called Out 10/16/10/16	On Location 10/16/2012	Job Started 10/16/2012	Job Completed 10/16/2012
Time	11:00	12:30	21:30	23:20

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	4853	9,211	
Liner Tool					4,828	4,853	
HWDP					3,442	4,828	
Drill Pipe			3	1/2"	Surface	3,442	
Drill Collars							
Open Hole			6	1/8"	Surface	9,211	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	Gel BBL.	30	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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/16	12.0	10/16	2.0	Liner
Total	12.0	Total	2.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures		
MAX	5000 PSI	AVG. 300
Average Rates in BPM		
MAX	6 BPM	AVG 4.5
Cement Left in Pipe		
Feet	88	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	305	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 50# SUGAR FOR DISPLACEMENT	0.00	0.00	0.00
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	_____	Type: _____	Preflush: BBI	_____	Type: 8.59#SPACER
		MAXIMUM	5000 PSI	Load & Bkdn: Gal - BBI	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBI	N/A
		Actual TOC	4.637	Calc. TOC:	4.637
Average	_____	Bump Plug PSI:	1.200	Final Circ. PSI:	50
ISIP	5 Min. _____	10 Min _____	15 Min _____	Cement Slurry: BBI	78.0
				Total Volume BBI	219.00

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____