

Mid-Continent Conductor, LLC

Invoice

Date	Invoice #
6/11/2014	2784

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
Carl Miller	Net 30	6/11/2014	Stewart 3306 2-1H, 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	12	Furnished 12 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: DC13930
 Well Name: Stewart 2-1H
 Code: 650 010
 Amount: 17,475.00
 Co. Man: [Signature]
 Co. Man Sig: [Signature]
 Notes: _____

Subtotal	\$17,475.00
Sales Tax (0.0%)	\$0.00

Total	\$17,475.00
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JOB SUMMARY			PROJECT NUMBER SOK 3872	TICKET DATE 06/22/14
COUNTY Harper	STATE Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Jerry Bias	
LEASE NAME Stewart	Well No. 3306 2-1H	JOB TYPE Surface	EMPLOYEE NAME Arthur Setzer	

EMP NAME	0				
Arthur Setzer					
Jared Green					
Don Brown					
Frank Reeves					

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 650'

Date	Called Out 6/21/2014	On Location 6/21/2014	Job Started 6/22/2014	Job Completed 6/22/2014
Time	1400	2300	0825	1000

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float V _e	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		36#	9 1/2"		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	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh Water	BBL.	10 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	
6/21	1.0	6/22	2.0	Surface
6/22	10.0			
Total	11.0	Total	2.0	

Pressures		
MAX	1,500 PSI	AVG. 775
Average Rates in BPM		
MAX	6 BPM	AVG 4
Cement Left in Pipe		
Feet	46	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	WRq.	Yield	Lbs/Gal
1	160	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	170	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	1,500 PSI	Preflush: BBI	10.00
	Lost Returns-l	NO/FULL		Load & Bkdn: Gal - BBI	N/A
	Actual TOC	SURFACE		Excess /Return BBI	20
Average	Bump Plug PSI:	775		Calc. TOC:	SURFACE
ISIP	5 Min.	10 Min.	15 Min.	Final Circ. PSI:	280
				Cement Slurry BBI	97.0
				Total Volume BBI	153.00
				Type: Fresh Water	
				Pad:Bbl -Gal	N/A
				Calc.Disp Bbl	46
				Actual Disp.	46.00
				Disp:Bbl	46.00

CUSTOMER REPRESENTATIVE Jerry Bias SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK 3885	TICKET DATE 06/30/14
COUNTY Harper	STATE Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Jerry Bias	
LEASE NAME Stewart 3306	Well No. 2-1H	JOB TYPE Intermediate	EMPLOYEE NAME Arthur Setzer	

EMP NAME	Arthur Setzer	0					
Jared Green							
Frank Reeves							
Dom Brown							

Form. Name _____ Type: _____
 Packer Type _____ Set At _____ 0
 Bottom Hole Temp. _____ 155 Pressure _____
 Retainer Depth _____ Total Depth _____ 5066

Date	Called Out 6/30/2014	On Location 6/30/2014	Job Started 6/30/2014	Job Completed 6/30/2014
Time	0600	1200	1315	1600

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Ve	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	5,067	5,000
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole		8 3/4"		Surface	5,066	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh 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			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/30	4.0	6/30	3.0	Intermediate
Total	4.0	Total	3.0	

Pressures			
MAX	5,000 PSI	AVG.	1800
Average Rates in BPM			
MAX	8 BPM	AVG	7
Cement Left in Pipe			
Feet	80	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	215	50/50 POZ PREMIUM	4% Gal - 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	10	Type: Caustic	Preflush: BBI	30.00	Type: Gel Spacer	
Breakdown		MAXIMUM 5,000 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal	N/A
		Lost Returns-f NO/FULL	Excess /Return BBI	N/A	Calc. Disp Bbl	191
		Actual TOC 2,540	Calc. TOC:	2,540	Actual Disp.	191.00
Average		Bump Plug PSI: 1,800	Final Circ. PSI:	750	Disp:Bbl	191.00
ISIP	5 Min.	10 Min.	Cement Slurry BBI	75.0		
		15 Min.	Total Volume BBI	296.00		

CUSTOMER REPRESENTATIVE _____

 SIGNATURE