

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802
Phone: (580)254-5400
Fax: (580)254-3242

Date	Invoice #
7/25/2014	2903

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	7/25/2014	Carl 3405 1-34H, Harper Cnty, KS	Lariat 40

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.
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: DC 14109
 Well Name: Carl 3405 1-34H
 Code: 850,010
 Amount: 18,250.00
 Co. Man: _____
 Co. Man Sig.: [Signature]
 Notes: _____

Subtotal	\$18,250.00
Sales Tax (0.0%)	\$0.00

Total	\$18,250.00
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JOB SUMMARY			PROJECT NUMBER SOK 4003	TICKET DATE 07/30/14
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Jackie Kennedy	
LEASE NAME Carl 3405	Well No. 1-34H	JOB TYPE Surface	EMPLOYEE NAME marcos quintana	

EMP NAME					
Marcos Quintana		0			
wallace berry					
David Settlemier					
Jacob Jackson					

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 700

Date	Called Out	On Location	Job Started	Job Completed
	7/30/2014	7/30/2014	7/30/2014	7/30/2014
Time	0700	1100	1444	1558

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		36#	9 5/8"		Surface	700	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	700	Shots/Ft.
Perforations							
Perforations							
Perforations							

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/30	4.0	7/30	1.0	Surface
Total	4.0	Total	1.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures			
MAX	1,500 PSI	AVG	100
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	160	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .4% C-41P	11.11	2.01	12.40	
2	195	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	<u>10.00</u>	Type:	Fresh Water	Preflush:	BBI	<u>10.00</u>	Type:	Fresh Water
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad:Bbl -Gal	N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBI	57	Calc. Disp Bbl	49
		Actual TOC	SURFACE	Calc. TOC:		SURFACE	Actual Disp.	48.50
Average		Bump Plug PSI:	600	Final Circ.	PSI:	200	Disp:Bbl	
SEIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI	<u>103.0</u>		
				Total Volume	BBI	161.50		

CUSTOMER REPRESENTATIVE Jackie Kennedy SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 4050	TICKET DATE 08/10/14
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Bill Tomlinson	
LEASE NAME Carl 3405	Well No. 1-34H	JOB TYPE Intermediate	EMPLOYEE NAME Arthur Setzer	

EMP NAME	0				
Arthur Setzer					
Jared Green					
Frank Reeves					
RJ Stonehocker					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5039**

Date	Called Out 8/9/2014	On Location 8/10/2014	Job Started 8/10/2014	Job Completed 8/10/2014
Time	1900	0700	1700	1900

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Valve	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	5,017	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/4"		Surface	5,039	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33
Spacer type	Fresh Water BBL.		20
Spacer type	Caustic BBL.		10
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	
8/10	12.0	8/10	2.0	Intermediate
Total	12.0	Total	2.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 5,000 PSI	AVG. 450
Average Rates in BPM	
MAX 8 BPM	AVG 7
Cement Left in Pipe	
Feet 45	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	50/50 POZ PREMIUM	4% Gel - 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: NO/FULL	Excess /Return BBI	N/A	Calc. Disp Bbl 190
		Actual TOC 3.240	Calc. TOC:	2,392	Actual Disp. 190.00
Average		Bump Plug PSI: 1,500	Final Circ. PSI:	450	Disp: Bbl 190.00
ISIP 5 Min.		10 Min 15 Min	Cement Slurry BBI	12.0	
			Total Volume BBI	292.00	

CUSTOMER REPRESENTATIVE Bill Tomlinson SIGNATURE