

# Mid-Continent Conductor, LLC

## Invoice

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

Date	Invoice #
3/15/2013	1768

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
Ricky Beene	Net 45	3/15/2013	Turner 3406, 4-7H, Harper Cnty, KS	Lariat 39

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
Transport Truck - Conductor	1	Furnished transport truck to displace cement down center of conductor hole
Fence Panels	4	Furnished safety netting around conductor holes
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: DC 12692  
 Well Name: Turner 3406 4-7H  
 Code: 850-010  
 Amount: 19,340  
 Co. Man: Jenny Hannis  
 Co. Man Sig.: Jenny Hannis  
 Notes: \_\_\_\_\_

<b>Subtotal</b>	\$19,340.00
<b>Sales Tax (0.0%)</b>	\$0.00
<b>Total</b>	<b>\$19,340.00</b>

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2541</b>	TICKET DATE <b>03/24/13</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Mridge Exploration &amp; Produc</b>	CUSTOMER REP <b>David Montoya</b>	
LEASE NAME <b>Turner 3406</b>	Well No. <b>4-7H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME <b>John Hall</b>					
<b>Bryan Douglas</b>					
<b>Joseph Klemm</b>					
<b>Cheryl Newton</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **800**

Date	Called Out	On Location	Job Started	Job Completed
	<b>3/24/2013</b>	<b>3/24/2013</b>	<b>3/24/2013</b>	<b>3/24/2013</b>
Time	<b>100</b>	<b>500</b>	<b>830</b>	<b>1200</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		36#	9 5/8"		Surface	800	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	800	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b>
Spacer type	resh Wate	BBL.	<b>10</b>
Spacer type		BBL.	<b>8.33</b>
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	
3/24	7.0	3/24	2.0	Surface
Total	7.0	Total	2.0	

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

Pressures		
MAX	1,500 PSI	AVG
Average Rates in BPM		
MAX	6 BPM	AVG
Cement Left in Pipe		
Feet	41	Reason SHOE JOINT

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	275	TEX Lite Premium Plus 65 (6% Gel)	2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	100	Premium Plus (Class C)	2% 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 Breakdown	<b>10</b>	Type: _____	Preflush: BBI <b>10.00</b> Type: Fresh Water
		MAXIMUM <b>1,500 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>40</b> Calc.Disp Bbl <b>60</b>
		Actual TOC <b>SURFACE</b>	Calc. TOC: <b>SURFACE</b> Actual Disp. <b>60.00</b>
Average		Bump Plug PSI: <b>900</b>	Final Circ. PSI: <b>113.5</b>
5 Min.	10 Min	15 Min	Cement Slurry: BBI <b>183.50</b>
			Total Volume BBI <b>183.50</b>

CUSTOMER REPRESENTATIVE \_\_\_\_\_ *Harold Rollo* \_\_\_\_\_  
 SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2569</b>	TICKET DATE <b>04/02/13</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Harold Roller</b>	
LEASE NAME <b>Turner 3406</b>	Well No. <b>4-7H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME					
John Hall		0			
Bryan Douglas					
Joseph Klemm					
0.00					

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

Packer Type \_\_\_\_\_ Set At 3,713'

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

Retainer Depth \_\_\_\_\_ Total Depth 5,011'

Date	Called Out <b>4/2/2013</b>	On Location <b>4/2/2013</b>	Job Started <b>4/2/2013</b>	Job Completed <b>4/2/2013</b>
Time	<b>300</b>	<b>500</b>	<b>800</b>	<b>1000</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
Weid-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		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,035'	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>20</b>	<b>8.33</b>
Spacer type	Caustic	BBL.	<b>10</b>	<b>8.40</b>
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	Date	Hours	Description of Job
4/2	6.0	4/2	2.0	Intermediate
Total	<b>6.0</b>	Total	<b>2.0</b>	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures

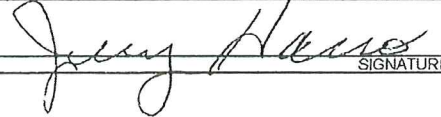
MAX	5,000 PSI	AVG	
Average Rates in BPM			
MAX	8 BPM	AVG	
Cement Left in Pipe			
Feet	92	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.5% C-41P - 1 lb/sk Phenos	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary

Preflush	<u>10</u>	Type: _____	Caustic	Preflush:	BBI	<u>30.00</u>	Type: Fresh Water
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI	<u>N/A</u>	Pad:Bbl -Gal <u>N/A</u>
		Lost Returns-N	<u>NO/FULL</u>	Excess /Return	BBI	<u>N/A</u>	Calc. Disp Bbl <u>188</u>
		Actual TOC	<u>3.320</u>	Calc. TOC:		<u>3.320</u>	Actual Disp. <u>188.40</u>
Average		Bump Plug PSI:	<u>800</u>	Final Circ. PSI:			Disp:Bbl <u>188.40</u>
isip	<u>5 Min</u>	10 Min	<u>15 Min</u>	Cement Slurry:	BBI	<u>12.2</u>	
				Total Volume	BBI	<u>290.60</u>	

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



**Service Order for i-District Job 966391**

<b>Customer Name:</b> SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING O	<b>Person Taking Call:</b>	<b>Location:</b> El Reno, OK WS	<b>Order Date:</b> 02-Apr-13 13:03	<b>Job Number:</b> 966391			
<b>Service Order Number:</b>	<b>Service Line:</b> Cementing El Reno	<b>Supervisor:</b>	<b>Legal Location:</b> SEC 7-34S-6W				
<b>Well Name and Number:</b> TURNER -3406-, 4-7 H	<b>Pad/Platform:</b>	<b>Field:</b>	<b>County:</b> Harper	<b>State/Prov:</b> Kansas			
<b>Well Master Number:</b> 0631455287	<b>API/UWI:</b> 15077219200100	<b>Rig Name:</b> LARIAT SERVICES/ODE #39	<b>Well Age:</b> New	<b>Sales Engineer:</b>			
<b>Job Type:</b> Cementing El Reno – Liner	<b>Time Well Ready:</b>	<b>Deviation:</b>	<b>Hole Size:</b> 6.125 in	<b>Well MD:</b> 8500 ft			
<b>Well TVD:</b> 5000 ft	<b>BHP:</b>	<b>BHST:</b> 140 °F	<b>BHCT:</b> 140 °F	<b>Treat Down:</b> Casing			
<b>Min/Max Density:</b> 13.4 ppg -13.8 ppg		<b>Job Stage Description:</b> 4 ½" Liner	<b>FTL Ticket/Quote Number :</b> CDL7-00167				
<b>Casing/Tubing</b>			<b>Service Instructions:</b> Provide equipment, materials, services and personnel to safely cement 4 1/2" Liner per client specifications.  Pump 30 bbl gel water @9ppg, 430 sks Single System slurry @13.6ppg, drop dart and dispalce per client request.				
<b>String Type</b>	<b>Depth</b>	<b>Size</b>			<b>Weight</b>	<b>Grade</b>	<b>Thread</b>
Casing	8500 ft	4.5 in			11.6 lb/ft	N-80	LTC
Tubing	4667 ft	3.5 in			15.5 lb/ft	E-75	MIJ
<b>Client Contact</b>							
<b>Name</b>	<b>Voice</b>	<b>Fax</b>	<b>Email</b>	<b>Title</b>	<b>Company</b>	<b>Notes</b>	
Rig phone	620 391 8451						
<b>Notes:</b> TOC: 3851' -- volumes based on 6.125" + 40% XS  Equipment: 1 pump, 2 ABTs, wash up hoses, water hoses, air hoses and mud hoses (contingency), D047, D110, B306  Check numbers with Co rep  GET FIELD TICKET STAMPED if applicable							
<b>Directions:</b> **ANTHONY JCT OF HWYS 179/44 (MAIN ST); TS ON HWY179 (S JENNINGS AVE) 1.89 MI; TL ON SE 20 RD .06 MI; TL AT SE 90 RD TO STAY ON SE 20 RD .5 MI; TR ON SE 10 AVE 2 MI; TL ON SE 40 RD  Head east on Sunset Dr toward S Choctaw Ave 39 ft Take the 1st left onto US-81 N/S Choctaw Ave Continue to follow US-81 N 11.1 mi Keep left at the fork, follow signs for OK-3 E/US-81 N and merge onto OK-3 W/US-81 N Continue to follow US-81 N 50.2 mi Turn left onto US-412 W/US-60 W/W Owen K Garriott Rd Continue to follow US-412 W/US-60 W 7.0 mi Turn right onto OK-132 N 19.1 mi Turn left onto OK-132 N/US-64 W 2.0 mi Turn right onto OK-132 N/California Ave Continue to follow OK-132 N 23.9 mi OK-132 N turns slightly left and becomes KS-179 N Entering Kansas 7.3 mi Turn right onto SE 40 Rd Destination will be on the left 1.1 mi							

Materials			
Name	Description	Quantity	Density
Gel Water	30 bbls gel water	30.00 bbl	9.00 lb/gal
Single System Slurry	430 sks 50:50 Poz:H + adds	623.5 ft3	13.60 lb/gal

**Fluid Systems:**

Gel Water				
<b>30 bbls gel water</b>				
<i>Final Fluid Density:</i>		9.00	lb/gal	
<i>Volume:</i>		30.00	bbl	
Code	Conc	Design	Total by design	Load out with excess
B306	0.200 gal/bbl	BVOWashVO	6.00 gal	6.00 gal

Single System Slurry				
<b>430 sks 50:50 Poz:H + adds</b>				
<i>Sacks Of:</i>	Blend		<i>Total Blend/Cem:</i>	36,120.00 lb
<i>Sack Weight:</i>	84.00	lb	<i>Sacks Blend/Cem:</i>	430.00 sks
<i>Yield:</i>	1.45	ft3/sk	<i>Final Fluid Density:</i>	13.60 lb/gal
<i>Mix Water:</i>	6.87	gal/sk		
Code	Conc	Design	Total by design	Load out with excess
D909	47.000 lb/sk	WTSK	20,120.00 lb	20,120.00 lb
D035	37.000 lb/sk	WTSK	15,910.00 lb	15,910.00 lb
D020	4.000 %	BWOB	1,444.80 lb	1,444.80 lb
D112	0.600 %	BWOB	216.72 lb	216.72 lb
D065	0.100 %	BWOB	36.12 lb	36.12 lb
D046	0.200 %	BWOB	72.24 lb	72.24 lb
D042	2.000 lb/sk	WTSK	860.00 lb	860.00 lb
D013	0.220 %	BWOB	79.46 lb	79.46 lb
D079	0.200 %	BWOB	72.24 lb	72.24 lb