

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
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Date	Invoice #
11/30/2011	1157

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
Lawrence	Net 60	11/28/2011	VC 1-23H, Comanche Cnty, KS	Lariat 38

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 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	11	Furnished 11 yards of 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	
			Subtotal \$19,590.00
			Sales Tax (0.0%) \$0.00
			Total \$19,590.00

JOB SUMMARY			PROJECT NUMBER SOK1057	TICKET DATE 12/15/11
COUNTY Comanche	State Kansas	COMPANY Sandridge Exp and Production	CUSTOMER REP Roger Harris	
LEASE NAME VC	Well No 1-23H	JOB TYPE Surface	EMPLOYEE NAME M.Wilson	

EMP NAME Matt Wilson	John Hall				
Johnny Breeze					
David Settlmeyer					
David Thomas					

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **80** Pressure _____
Retainer Depth _____ Total Depth **900**

Date	Called Out 12/15/2011	On Location 12/15/2011	Job Started 12/16/2011	Job Completed 12/16/2011
Time	6:00 pm	11:00 pm	3:30 am	5:45 am

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	36.0	9 5/8		Surface		
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole		12 1/4		Surface	900	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Spacer type	BBL.	
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	
12/15	1.0	12/16	4.0	Surface
12/16	6.0			
Total		Total		

Pressures

MAX	1500	AVG.	300
Average Rates in BPM			
MAX	6	AVG	5
Cement Left in Pipe			
Feet	44	Reason	shoe joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	390	O-Tex Lite Standard	(6%Gel) 2% Calcium Chloride - 1/4 lb/sk Cellflake - 0.5% C-41P	10.88	1.84	12.70
2	180	Standard	2% Calcium Chloride - 1/4 lb/sk Celloflake	5.20	1.18	15.60
3	100	Standard	2% Calcium Chloride on the side	5.20	1.18	15.60

Summary

Preflush Breakdown	Type: _____	Preflush: BBI	10.00	Type: water
	MAXIMUM _____	Load & Bkdn: Gal - BBI		Pad:Bbl - Gal
	Lost Returns-N _____	Excess /Return BBI	70	Calc. Disp Bbl
	Actual TOC _____	Calc. TOC: _____	surface	Actual Disp. 65.00
Average	Frac. Gradient _____	Treatment: Gal - BBI		Disp:Bbl
ISIP	5 Min. _____ 10 Min. _____ 15 Min. _____	Cement Slurry: BBI	165.0	
		Total Volume BBI	240.00	

CUSTOMER REPRESENTATIVE *Roger Harris* SIGNATURE

JOB SUMMARY

PROJECT NUMBER SKO1075		TICKET DATE 12/22/11	
COUNTY Comanche	State Kansas	COMPANY Sandridge Exp and Prod	CUSTOMER REP Felix Ortiz Jr.
LEASE NAME VC		WELL NO. 1-23H	
JOB TYPE Intermediate		EMPLOYEE NAME Larry Kirchner Jr.	

EMP NAME Larry Kirchner Jr.			
Jayson Pierce			
Billy Taff			

Form. Name _____ Type: _____

Packer Type _____ Set At d

Bottom Hole Temp. 0 Pressure _____

Retainer Depth _____ Total Depth 5478

	Called Out	On Location	Job Started	Job Completed
Date	12/22/2011	12/22/2011	12/22/2011	12/22/2011
Time	12:00AM	5:30AM	7:06AM	8:30AM

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	New	29.0	7		Surface	5,478'	3,500
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4		Surface	5,478	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type _____	Density _____	Lb/Gal _____
Disp. Fluid _____	Density _____	Lb/Gal _____
Spacer type _____	BBL _____	
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

Date	Hours	Date	Hours	Description of Job
12/22	3.0	12/22	2.0	Intermediate
Total	3.0	Total	2.0	

Pressures

MAX 3,500	AVG 350
Average Rates in BPM	
MAX 10	AVG 5
Cement Left in Pipe	
Feet 87	Reason Shoe Joint

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	220	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	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary

Preflush _____	Type: _____	Preflush: BBI	<u>20.00</u>	Type: FRESH WATER
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI	N/A	Pad: Bbl - Gal N/A
	Lost Returns - A _____	Excess /Return BBI	N/A	Calc. Disp Bbl 200
	Actual TOC _____	Calc. TOC: Gal - BBI	4,118'	Actual Disp. <u>200.00</u>
Average _____	Frac. Gradient _____	Treatment: Gal - BBI	N/A	Disp: Bbl _____
IGIP _____	5 Min. _____	Cement Slurry: BBI	<u>56.0</u>	
	10 Min. _____	Total Volume BBI	276.00	

CUSTOMER REPRESENTATIVE _____ *Felix Ortiz Jr.* SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK1106	TICKET DATE 01/05/12
COUNTY Comanche	State Oklahoma	COMPANY Landridge Exp and Productio	CUSTOMER REP Felix Ortiz Jr.	
LEASE NAME VC	Well No. 1-23H	JOB TYPE Liner	EMPLOYEE NAME Louis Arney	

EMP NAME							
Louis Arney							
Jason Jones							
Mark Boethin							
Flo Helkena							

Form. Name _____ Type: _____

Packer Type _____ Set At **5,478'**

Bottom Hole Temp. **150** Pressure _____

Retainer Depth _____ Total Depth **9,456'**

Date	Called Out 1/5/2012	On Location 1/5/2012	Job Started 1/5/2012	Job Completed 1/6/2012
Time	11:30	18:00	22:38	00:02

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		6,077'	9,456'	3,500
Liner Tool			2 1/4ID		5,059'	5,077'	3,500
Drill Collars			2 1/4ID		4,141.68"	5,059'	3,500
Drill Pipe			3 1/2"		Surface	4,141.68"	3,500
Open Hole			6 1/8"		Surface	9,456'	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	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			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/5	6.0	1/5	1.5	Liner
1/6	1.0			
Total	7.0	Total	1.5	

Pressures			
MAX	3,500 PSI	AVG	400
Average Rates in BPM			
MAX	6 BPM	AVG	5
Cement Left in Pipe			
Feet	78.39'	Reason	SHOE JOINT

Cement Data				Additives			W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement		(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal					
1	480	50/50 Premium Poz			0	6.77	1.44	13.60	
2	0	0			0	0.00	0.00	0.00	
3	0	0			0	0.00	0.00	0.00	

Summary								
Preflush Breakdown	10-	Type:	Caustic	Preflush:	BBI	20.00	Type:	Fresh Water
		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	
		Actual TOC	4,541'	Calc. TOC:		4,541'	Actual Disp.	89.00
Average		Bump Plug PSI:	1,523	Final Circ.	PSI:	440	Disp:Bbl	
ISIP	5 Min.	10 Min		Cement Slurry:	BBI	123.1		
				Total Volume	BBI	232.10		

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____