

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802
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Date	Invoice #
11/19/2011	1154

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
Jason	Net 60	11/18/2011	Sean 1-18H, Comanche Cnty, KS	Lariat 38

Item	Quantity	Description	
Conductor Hole	114	Drilled 114 ft. conductor hole	
20" Pipe	114	Furnished 114 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	16	Furnished 16 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 \$22,330.00
			Sales Tax (0.0%) \$0.00
			Total \$22,330.00

JOB SUMMARY			PROJECT NUMBER SOK1003	TICKET DATE 11/25/11
COUNTY Comanche	State Kansas	COMPANY Sandridge Exp and Production	CUSTOMER REP Felix Ortiz Jr.	
LEADER Sean	DATE 11/18/11	JOB TYPE Surface	EMPLOYEE Larry Kirchner Jr.	

EMP NAME					
Larry Kirchner Jr.					
Emmit Brock					
Michael Bajo					
John Hall					

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 950'

Date	Called Out 11/24/2011	On Location 11/25/2011	Job Started 11/25/2011	Job Completed 11/25/2011
Time	7:00PM	4:00AM	12:27PM	2:00PM

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
Casing	New	36.0	9 5/8"		Surface	920'
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	920'
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	<u>9</u> Lb/Gal
Disp. Fluid	Fresh Water	Density	<u>8.33</u> Lb/Gal
Spacer type	resh Water BBL.		<u>10</u> 8.33
Spacer type	BBL.		
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		ln
NE Agent	Gal.		ln
Fluid Loss	Gal/Lb		ln
Gelling Agent	Gal/Lb		ln
Fric. Red.	Gal/Lb		ln
MISC.	Gal/Lb		ln
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/25	10.0	11/25	2.0	Surface
Total	10.0	Total	2.0	

Pressures		
MAX	1,500 PSI	AVG 120
Average Rates in BPM		
MAX	6 BPM	AVG 5
Cement Left in Pipe		
Feet	44	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	410	O-Tex Lite Standard	(6%Gel) 2% Calcium Chloride - 1/4 lb/sk Cellflake - 0.6% C-41P	10.88	1.84	12.70
2	180	Standard	2% Calcium Chloride - 1/4 lb/sk Celloflake	6.20	1.18	15.60
3	100	Standard	2% Calcium Chloride on the side	5.20	1.18	15.60

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average	5 Min. _____	10 Min. _____	15 Min. _____	Cement Slurrv: BBI _____	Total Volume BBI _____
Preflush:	BBI <u>10.00</u>	Load & Bkdn:	Gal - BBI <u>N/A</u>	Excess /Return BBI	<u>28</u>
Calc. TOC:	<u>SURFACE</u>	Final Circ. PSI:	<u>400</u>	Actual Disp. BBI	<u>66.00</u>
Disp: BBI	<u>172.0</u>	Total Volume	BBI <u>248.00</u>		

CUSTOMER REPRESENTATIVE Felix Ortiz Jr. SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK1018	TICKET DATE 11/30/11
COUNTY Comanche	State Kansas	COMPANY Sandridge Exp and Prod	CUSTOMER REP Felix Ortiz	
LEASE NAME Sean	Well No 1-18H	JOB TYPE Intermediate	EMPLOYEE NAME Chris Bigbey	

EMP NAME					
Chris Bigbey					
Jared Green					
Larry Kirchner Sr.					

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **0** Pressure _____
 Retainer Depth _____ Total Depth **5534**

Date	Called Out 11/30/2011	On Location 11/30/2011	Job Started 11/30/2011	Job Completed 12/1/2011
Time	1600	1930	2348	0046

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

Well Data		New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing			29.0	7		Surface	5,534	
Liner								
Liner								
Tubing								
Drill Pipe								
Open Hole				8 3/4		Surface	5,530	Shots/Ft.
Perforations								
Perforations								
Perforations								

Materials			
Mud Type	wbm	Density	9.3 Lb/Gal
Disp. Fluid	h2o	Density	8.34 Lb/Gal
Spacer type	h2o	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	
11/30	4.0	11/30	0.2	Intermediate
12/1	2.0	12/1	0.8	
Total	6.0	Total	1.0	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures	
MAX 3500	AVG. 500
Average Rates in BPM	
MAX 10	AVG 5
Cement Left in Pipe	
Feet 89	Reason Shoe Jt.

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	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		0.00	0.00	0.00
3	0	0		0.00	0.00	0.00

Summary					
Preflush Breakdown	10	Type: Caustic	Preflush: BBI	20.00	Type: FRESH WATER
		MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl -Gal
		Lost Returns-N	Excess /Return BBI		Calc. Disp Bbl
		Actual TOC	Calc. TOC:	4,351	Actual Disp. 202.00
Average		Frac. Gradient	Treatment: Gal - BBI		Disp: Bbl 202.00
ISIP 5 Min.		10 Min	Cement Slurry: BBI	51.3	
		15 Min	Total Volume BBI	273.30	

CUSTOMER REPRESENTATIVE _____
Felix Ortiz
 SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK1035	TICKET DATE 12/09/11
COUNTY Comanche	State Kansas	COMPANY Sandridge Exp and Production	CUSTOMER REP Roger Harris	
LEASE NAME Sean	Well No. 1-18H	JOB TYPE Liner	EMPLOYEE NAME Larry Kirchner JR.	

EMP NAME					
Larry Kirchner Jr.					
Mark Boethin					
Arthur Setzer					

Form. Name _____ Type: _____

Packer Type _____ Set At **5,530'**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **9,860'**

Date	Called Out 12/8/2011	On Location 12/8/2011	Job Started 12/9/2011	Job Completed 12/9/2011
Time	3:00PM	9:00PM	3:57AM	6:30AM

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	New	11.6#	4 1/2"		5,105.17'	9,860'	3,500
Liner Tool	New		2 1/4ID				3,500
Drill Collars	Used		2 1/4ID		4187.57'	5,105.17'	3,500
Drill Pipe	Used	15.5	3 1/2"		Surface	4,187.57'	3,500

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.	ln	
NE Agent	Gal.	ln	
Fluid Loss	Gal/Lb	ln	
Gelling Agent	Gal/Lb	ln	
Fric. Red.	Gal/Lb	ln	
MISC.	Gal/Lb	ln	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/8	3.0	12/9	2.0	Liner
12/9	6.5			
Total	9.5	Total	2.0	

Pressures			
MAX	3,500 PSI	AVG	600
Average Rates in BPM			
MAX	6 BPM	AVG	4
Cement Left in Pipe			
Feet	43	Reason	SHOE JOINT

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	510	50:50 Poz W/ Premium	(Includes 2% Gel) - 4% Gel - .4% C-12 - .1% C-37 - 2pps Phenoseal - .5% C	6.77	1.44	13.60
2	0	0		0.00	0.00	0.00
3	0	0		0.00	0.00	0.00

Summary								
Preflush	10	Type:	CAUSTIC	Preflush:	BBI	20.00	Type:	FRESH WATER
Breakdown		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	105
		Actual TOC	4,605'	Calc. TOC:		4,605'	Actual Disp.	100.00
Average		Bump Plug PSI:		Final Circ.	PSI:	1,200	Disp: Bbl	
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI	131.0		
				Total Volume	BBI	251.00		

CUSTOMER REPRESENTATIVE Roger Harris SIGNATURE