

# Mid-Continent Conductor, LLC

# Invoice

Date	Invoice #
11/26/2013	2274

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
Parker Waldrige	Net 30	11/26/2013	Lillian 3206 3-31H, Harper Cnty, KS	Unit 337

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
Fence Panels	1	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 13385  
 Well Name: Lillian 3206 3-31H  
 Code: 850-010  
 Amount: 17,350.00  
 Co. Man: Scott Baker  
 Co. Man Sig: Scott Baker  
 Note: Conductor

<b>Subtotal</b>	\$17,350.00
<b>Sales Tax (0.0%)</b>	\$0.00
<b>Total</b>	<b>\$17,350.00</b>

Customer SandRidge				Job Number CNTV-00091			
Well Lillian 3206 3-31H		Location (legal) SEC 31-32S-6W		Schlumberger Location EL RENO		Job Start Dec/06/2013	
Field HARPER KS		Formation Name/Type		Deviation 0 deg	Bit Size 12.3 in	Well MD 735.0 ft	Well TVD 735.0 ft
County Harper		State/Province Anthony		BHP psi	BHST 89 degF	BHCT 80 degF	Pore Press. Gradient lb/gal
Well Master SEC 31-32S-6W		API/UWI 15077219900100					
Rig Name	Drilled For Oil & Gas	Service Via Land	Casing/Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class New	Well Type Development	735.0	9.6	36.0	J-55	
			0.0	0.0	0.0		
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing	Job Type 9 5/8" SURFACE						
Max. Allowed Tub. Press 5000 psi	Max. Allowed Ann. Press psi	WH Connection Single Cement head	Perforations/Open Hole				
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft
			ft	ft			
			ft	ft			Diameter in
			ft	ft			
		Treat Down	Displacement bbl		Packer Type	Packer Depth ft	
		Tubing Vol. bbl	Casing Vol. bbl		Annular Vol. bbl	Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure psi		Shoe Type		Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 735.0 ft		Tool Type	
No. Centralizers 4		Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth ft	
Cement Head Type Single		Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Dec/05/2013 12:00		Arrived on Location Dec/05/2013 02:00	Leave Location Dec/06/2013 02:30	Collar Type Float		Tail Pipe Depth ft	
				Collar Depth 689.1 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	DENSITY LB/G	RATE B/M	CMT_TREAT_PRES PSI	Volume BBL	Message	
12/06/2013	00:03:08	8.50	0.0	233	0.0	Started Acquisition	
12/06/2013	00:04:28	8.50	0.0	233	0.0		
12/06/2013	00:05:48	8.50	4.2	369	3.7		
12/06/2013	00:07:08	8.50	0.1	2342	4.1		
12/06/2013	00:07:56	8.50	0.0	2233	4.1	Remark	
12/06/2013	00:08:28	8.50	0.0	2377	4.1		
12/06/2013	00:09:48	8.50	0.0	5546	4.1		
12/06/2013	00:09:51	8.50	0.0	5544	4.1	Remark	
12/06/2013	00:11:08	8.50	0.0	260	4.1		
12/06/2013	00:12:28	8.50	0.0	247	4.1		
12/06/2013	00:13:48	8.50	1.3	266	5.5		
12/06/2013	00:15:08	8.51	2.6	316	8.0		
12/06/2013	00:16:10	8.51	2.6	310	10.6	Reset Total, Vol = 10.60 bbl	
12/06/2013	00:16:13	8.51	2.5	306	10.7	Remark	
12/06/2013	00:16:21	8.89	2.6	310	11.1	Start Mixing Lead Slurry	
12/06/2013	00:16:28	9.61	4.4	352	11.5		
12/06/2013	00:17:48	12.40	4.3	379	17.4		
12/06/2013	00:19:08	12.59	4.4	372	23.3		
12/06/2013	00:20:28	12.60	4.4	374	30.1		
12/06/2013	00:21:48	12.58	4.5	369	36.0		
12/06/2013	00:23:08	12.60	4.5	367	42.0		

Well		Field		Job Start		Customer		Job Number	
Lillian 3206 3-31H		HARPER KS		Dec/06/2013		SandRidge		CNTV-00091	
Date	Time 24-hr clock	DENSITY LB/G	RATE B/M	CMT_TREAT_PRES PSI	Volume BBL	Message			
12/06/2013	00:25:48	12.60	4.5	374	54.7				
12/06/2013	00:27:08	12.61	6.2	422	60.8				
12/06/2013	00:28:28	12.62	4.4	379	67.7				
12/06/2013	00:29:48	12.66	4.6	392	74.3				
12/06/2013	00:31:08	12.63	4.4	381	80.3				
12/06/2013	00:32:28	12.64	4.4	378	86.2				
12/06/2013	00:32:42	12.45	4.4	381	87.3	Reset Total, Vol = 76.66 bbl			
12/06/2013	00:32:44	12.38	4.4	380	87.4	End Lead Slurry			
12/06/2013	00:32:46	12.35	4.4	380	87.6	Start Mixing Tail Slurry			
12/06/2013	00:32:50	12.23	4.4	381	87.9	Remark			
12/06/2013	00:33:48	14.72	6.1	455	92.4				
12/06/2013	00:35:08	14.82	5.4	493	100.4				
12/06/2013	00:36:28	14.95	5.2	505	107.6				
12/06/2013	00:37:48	14.54	5.2	468	114.5				
12/06/2013	00:38:30	14.02	3.3	408	117.9	Reset Total, Vol = 30.66 bbl			
12/06/2013	00:38:32	14.00	3.3	406	118.0	End Tail Slurry			
12/06/2013	00:38:33	13.98	3.2	406	118.1	Drop Top Plug			
12/06/2013	00:38:35	13.96	3.3	404	118.2	Start Displacement			
12/06/2013	00:39:08	14.39	3.3	393	120.0				
12/06/2013	00:40:28	10.91	0.0	314	121.0				
12/06/2013	00:41:48	9.81	0.0	310	121.0				
12/06/2013	00:43:08	9.62	0.0	312	121.0				
12/06/2013	00:44:28	6.75	5.1	362	127.4				
12/06/2013	00:45:48	8.06	3.2	351	132.4				
12/06/2013	00:47:08	7.57	3.2	344	136.7				
12/06/2013	00:48:03	8.06	3.2	340	139.7	Cement to surface			
12/06/2013	00:48:28	8.07	3.2	339	141.0				
12/06/2013	00:49:48	8.50	3.2	339	145.4				
12/06/2013	00:51:08	8.49	8.2	509	153.5				
12/06/2013	00:52:28	8.50	2.5	391	160.7				
12/06/2013	00:53:48	8.50	2.4	392	163.9				
12/06/2013	00:55:08	8.50	2.4	395	167.1				
12/06/2013	00:56:28	8.50	2.4	407	170.3				
12/06/2013	00:57:48	8.50	2.4	401	173.5				
12/06/2013	00:59:08	8.50	2.3	420	176.6				
12/06/2013	01:00:28	8.50	0.0	1129	178.2				
12/06/2013	01:01:08	8.50	0.0	1078	178.2	Remark			
12/06/2013	01:01:33	8.50	0.0	1046	178.2	Check floats, floats held			
12/06/2013	01:01:48	8.50	0.0	1027	178.2				
12/06/2013	01:03:08	8.50	0.0	924	178.2				
12/06/2013	01:04:28	8.50	0.0	817	178.2				
12/06/2013	01:05:48	8.50	0.0	723	178.2				
12/06/2013	01:07:08	8.50	0.0	644	178.2				
12/06/2013	01:08:28	8.50	0.0	575	178.2				
12/06/2013	01:09:48	8.50	0.0	450	178.2				
12/06/2013	01:11:08	8.50	0.0	393	178.2				
12/06/2013	01:12:28	8.50	0.0	412	178.2				
12/06/2013	01:13:48	8.50	0.0	413	178.2				



<b>Well</b> Lillian 3206 3-31H	<b>Field</b> HARPER KS	<b>Job Start</b> Dec/06/2013	<b>Customer</b> SandRidge	<b>Job Number</b> CNTV-00091
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### Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
<b>Slurry</b> 3.9	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 8.4	<b>Total Slurry</b> 120.2	<b>Mud</b> 0.0	<b>Spacer</b> 10.0	<b>N2</b>
Treating Pressure Summary, psi				Breakdown Fluid			
<b>Maximum</b> 5773	<b>Final</b> 1150	<b>Average</b> 583	<b>Bump Plug to</b>	<b>Breakdown</b>	<b>Type</b>	<b>Volume</b> bbl	<b>Density</b> lb/gal
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 0.0 bbl	<b>Displacement</b> 53.7 bbl	<b>Mix Water Temp</b> degF	<b>Cement Circulated to Surface?</b> <input checked="" type="checkbox"/>	<b>Volume</b> 34.0 bbl	<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft
<b>Customer or Authorized Representative</b> SandRidge		<b>Schlumberger Supervisor</b> Nina Thurber			<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>	
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# Cementing Service Report

Customer SANDRIDGE ENERGY INC				Job Number 1885475		
Well LILLIAN 3206 3-31H		Location (legal)		Schlumberger Location EL RENO		
Field		Formation Name/Type		Deviation deg	Bit Size 8.8 in	
County HARPER		State/Province Kansas		Well MD 5642.0 ft	Well TVD 5642.0 ft	
Well Master		API/UWI		BHP psi	BHST 133 degF	
Rig Name		Drilled For Oil & Gas		Service Via Land		
Offshore Zone		Well Class New		Well Type Development		
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		
Service Line Cementing		Job Type INTERMEDIATE		Casing/Liner		
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		
Service Instructions		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		
				Squeeze Job		
				Shoe Type Guide		
				Shoe Depth 5632.0 ft		
				Tool Type		
				Tool Depth ft		
				Tail Pipe Size in		
				Tail Pipe Depth ft		
				Sqz. Total Vol. bbl		
				Message		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	
12/18/2013	18:43:45	5	0.0	8.39	0.0	Started Acquisition
12/18/2013	18:46:45	233	4.2	8.37	0.0	
12/18/2013	18:49:45	3693	0.0	8.38	0.0	
12/18/2013	18:52:06	320	4.4	8.38	0.0	Start Job
12/18/2013	18:52:10	303	4.5	8.38	0.0	Pressure Test Lines
12/18/2013	18:52:12	280	4.5	8.38	0.0	Start Pumping Spacer
12/18/2013	18:52:45	253	4.5	8.39	0.0	
12/18/2013	18:55:45	265	4.5	8.39	0.0	
12/18/2013	18:58:02	284	4.5	8.27	0.0	Reset Total, Vol = 30.10 bbl
12/18/2013	18:58:04	290	4.5	8.28	0.0	End Spacer
12/18/2013	18:58:06	290	4.5	8.28	0.0	Start Mixing Lead Slurry
12/18/2013	18:58:45	297	4.1	11.59	0.0	
12/18/2013	19:01:45	325	4.0	13.51	0.0	
12/18/2013	19:04:45	298	4.0	13.61	0.0	
12/18/2013	19:07:45	185	4.0	13.57	0.0	
12/18/2013	19:10:45	214	3.8	13.59	0.0	
12/18/2013	19:13:25	244	4.1	13.73	0.0	Reset Total, Vol = 61.81 bbl
12/18/2013	19:13:30	257	4.0	13.66	0.0	End Lead Slurry
12/18/2013	19:13:45	167	4.0	13.28	0.0	
12/18/2013	19:16:45	185	4.1	15.83	0.0	
12/18/2013	19:18:44	114	3.3	15.72	0.0	Reset Total, Vol = 21.54 bbl

Well		Field		Job Start		Customer		Job Number	
LILLIAN 3206 3-31H				Dec/18/2013		SANDRIDGE ENERGY INC		1885475	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
12/18/2013	19:18:48	116	3.3	15.73	0.0	Drop Top Plug			
12/18/2013	19:18:49	116	3.3	15.73	0.0	Start Displacement			
12/18/2013	19:19:45	4	0.0	15.84	0.0				
12/18/2013	19:22:45	10	0.0	15.80	0.0				
12/18/2013	19:25:45	73	4.0	8.86	0.0				
12/18/2013	19:28:45	106	6.6	8.35	0.0				
12/18/2013	19:31:45	117	6.5	8.39	0.0				
12/18/2013	19:34:45	130	6.5	8.39	0.0				
12/18/2013	19:37:45	134	6.5	8.39	0.0				
12/18/2013	19:40:45	134	6.5	8.39	0.0				
12/18/2013	19:43:45	176	6.5	8.39	0.0				
12/18/2013	19:46:45	200	6.4	8.39	0.0				
12/18/2013	19:49:45	433	6.4	8.39	0.0				
12/18/2013	19:52:45	582	6.3	8.39	0.0				
12/18/2013	19:55:45	786	6.3	8.39	0.0				
12/18/2013	19:58:45	581	2.2	8.39	0.0				
12/18/2013	20:01:45	597	2.2	8.39	0.0				
12/18/2013	20:04:45	1059	0.0	8.39	0.0				
12/18/2013	20:07:45	11	0.0	8.39	0.0				
12/18/2013	20:10:45	1015	0.0	8.39	0.0				
12/18/2013	20:11:54	1021	0.0	8.39	0.0	Bump Top Plug			
12/18/2013	20:12:06	1022	0.0	8.39	0.0	CASING TEST			
12/18/2013	20:13:45	1030	0.0	8.39	0.0				
12/18/2013	20:16:45	1043	0.0	8.39	0.0				
12/18/2013	20:19:45	1055	0.0	8.39	0.0				
12/18/2013	20:22:45	1067	0.0	8.39	0.0				
12/18/2013	20:25:45	1078	0.0	8.39	0.0				
12/18/2013	20:28:45	1087	0.0	8.39	0.0				
12/18/2013	20:31:45	1097	0.0	8.39	0.0				
12/18/2013	20:34:45	1107	0.0	8.39	0.0				
12/18/2013	20:37:45	8	0.0	8.39	0.0				

### Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
4.8			6.5	80.0	0.0	30.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5263	181	519	1100			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume	
%	80.0 bbl	219.6 bbl	degF	<input type="checkbox"/>		bbl	
				Washed Thru Perfs		To	
				<input type="checkbox"/>		ft	
Customer or Authorized Representative				Circulation Lost		Job Completed	
STEVE HITSHEW				-		- <input checked="" type="checkbox"/>	
Schlumberger Supervisor							
NATHAN SMITH							