

# Mid-Continent Conductor, LLC

# Invoice

P.O. Box 1570  
Woodward, OK 73802

Phone: (580)254-5400

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Date	Invoice #
4/8/2013	1818

<b>Bill To</b>
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	Net 45	4/8/2013	Brad 3508 3-12H, Harper Cnty, KS	Horizon 15

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	Transport truck and water 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: _____ Well: <u>SPAD 3508 3-12H</u> Code: <u>850.070</u> AMT: <u>479340.00</u> Co Man: _____						
		<table border="1"> <tr> <td><b>Subtotal</b></td> <td>\$19,340.00</td> </tr> <tr> <td><b>Sales Tax (0.0%)</b></td> <td>\$0.00</td> </tr> <tr> <td><b>Total</b></td> <td><b>\$19,340.00</b></td> </tr> </table>	<b>Subtotal</b>	\$19,340.00	<b>Sales Tax (0.0%)</b>	\$0.00	<b>Total</b>	<b>\$19,340.00</b>
<b>Subtotal</b>	\$19,340.00							
<b>Sales Tax (0.0%)</b>	\$0.00							
<b>Total</b>	<b>\$19,340.00</b>							



**Service Order for i-District Job 968661**

<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> 15-Apr-13 17:23		<b>Job Number:</b> 968661	
<b>Service Order Number:</b>		<b>Service Line:</b> Cementing El Reno		<b>Supervisor:</b>		<b>Legal Location:</b> SEC 12-35S-8W			
<b>Well Name and Number:</b> BRAD -3508-, 3-12H		<b>Pad/Platform:</b>		<b>Field:</b>		<b>County:</b> HARPER		<b>State/Prov:</b> KS	
<b>Well Master Number:</b> 0631458790		<b>API/UWI:</b> 15077219220100		<b>Rig Name:</b> HORIZON #15		<b>Well Age:</b>		<b>Sales Engineer:</b>	
<b>Job Type:</b> Cementing El Reno – Surface		<b>Time Well Ready:</b>		<b>Deviation:</b>		<b>Hole Size:</b>		<b>Well MD:</b> 800 ft	
<b>Well TVD:</b> 800 ft		<b>BHP:</b>		<b>BHST:</b> 89 °F		<b>BHCT:</b> 80 °F		<b>Treat Down:</b> Casing	
<b>Packer Type:</b>		<b>Packer Depth:</b>		<b>MIN/MAX DENSITIES:</b> LEAD: 11.9-12.9 PPG TAIL: 14.3-15.3 PPG		<b>HHP on Location:</b>		<b>Max Allowed Pressure:</b> 5000 psi	
<b>Max Allowed Ann Pressure:</b>				<b>Job Stage Description:</b> 9 5/8" SURFACE		<b>FTL Ticket/Quote Number :</b> C1YQ-00115			
<b>Casing/Tubing</b>						<b>Service Instructions:</b>			
<b>String Type</b>	<b>Depth</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	Provide equipment, materials, services and personnel to safely cement 9 5/8" surface casing per client specifications.  Pump 270 sks Lead Slurry @ 12.4 ppg, 170 sks Tail Slurry @ 14.8 ppg, drop top plug and displace per customer requirements.			
Casing	800 ft	9.625 in	36 lb/ft	J-55					
<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>			
Israel	281-617-4654								
<b>Notes:</b> TOC: Surface -- volumes based on 12.25" OH + 15-% XS  Equipment: 9 5/8" HM and QC (8RD and BTC), top and bottom plugs (please bring wooden and rubber top plugs), air hoses, water hoses, mud hoses (contingency), washup hoses (contingency), D110, D047  Get the field ticket stamped if applicable.									
<b>Directions:</b> <b>From Medford Okla go west on hwy 11 16.5 miles turn north on hwy 132 to state line go north on hwy 179 1.7 miles turn west on SW-90-rd 4.5 miles turn south on SW-50 0.4 miles turn west on lease rd 0.3 miles into location</b>									

Materials			
Name	Description	Quantity	Density
LEAD SLURRY	270 SKS 35:65 Poz:C LEAD @ 12.4 PPG	96.66 bbl	12.40 lb/gal
TAIL SLURRY	170 SKS Class C TAIL @ 14.8 PPG	40.27 bbl	14.80 lb/gal

**Fluid Systems:**

LEAD SLURRY				
270 SKS 35:65 Poz:C LEAD @ 12.4 PPG				
<i>Sacks Of:</i>	Cement		<i>Total Blend/Cem:</i>	23,490.98 lb
<i>Sack Weight:</i>	87.00 lb		<i>Sacks Blend/Cem:</i>	270.01 sks
<i>Yield:</i>	2.01 ft3/sk		<i>Final Fluid Density:</i>	12.40 lb/gal
<i>Mix Water:</i>	11.12 ft3/sk		<i>Total Mix Water:</i>	85.00 m3
Code	Conc	Design	Total by design	Load out with excess
D903	61.000 lb/sk	WTSK	16,470.69 lb	16,470.69 lb
D035	26.000 lb/sk	WTSK	7,020.29 lb	7,020.29 lb
D020	6.000 %	BWOB	1,409.46 lb	1,409.46 lb
S001	2.000 %	BWOB	469.82 lb	469.82 lb
D130	0.125 lb/sk	WTSK	33.75 lb	33.75 lb

TAIL SLURRY				
170 SKS Class C TAIL @ 14.8 PPG				
<i>Sacks Of:</i>	Cement		<i>Total Blend/Cem:</i>	15,980.75 lb
<i>Sack Weight:</i>	94.00 lb		<i>Sacks Blend/Cem:</i>	170.01 sks
<i>Yield:</i>	1.33 ft3/sk		<i>Final Fluid Density:</i>	14.80 lb/gal
<i>Mix Water:</i>	6.35 ft3/sk		<i>Total Mix Water:</i>	30.58 m3
Code	Conc	Design	Total by design	Load out with excess
D903	94.000 lb/sk	WTSK	15,980.75 lb	15,980.75 lb
D130	0.125 lb/sk	WTSK	21.25 lb	21.25 lb





**Service Order for i-District Job 969402**

<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> 16-Apr-13 15:22	<b>Job Number:</b> 969402		
<b>Service Order Number:</b>	<b>Service Line:</b> Cementing El Reno	<b>Supervisor:</b>	<b>Legal Location:</b>			
<b>Well Name and Number:</b> BRAD -3508-, 3-12H	<b>Pad/Platform:</b>	<b>Field:</b>	<b>County:</b> HARPER	<b>State/Prov:</b> KS		
<b>Well Master Number:</b> 0631458790	<b>API/UWI:</b> 15077219220100	<b>Rig Name:</b> HORIZON #15	<b>Well Age:</b>	<b>Sales Engineer:</b>		
<b>Job Type:</b> Cementing El Reno – Intermediate	<b>Time Well Ready:</b>	<b>Deviation:</b>	<b>Hole Size:</b>	<b>Well MD:</b>		
<b>Well TVD:</b>	<b>BHP:</b>	<b>BHST:</b>	<b>BHCT:</b>	<b>Treat Down:</b> Casing		
<b>Packer Type:</b>	<b>Packer Depth:</b>	<b>Well Head Connection:</b>	<b>HHP on Location:</b>	<b>Max Allowed Pressure:</b> 5000 psi		
<b>Max Allowed Ann Pressure:</b>		<b>Job Stage Description:</b> 7" Intermediate	<b>FTL Ticket/Quote Number :</b>			
<b>Expected on Location:</b> 26- Apr-13 23:00	<b>Ready to Pump:</b>	<b>Job Start Date:</b> 26-Apr-13 23:00	<b>Job End Date:</b> 27-Apr-13 11:00			
<b>Leave for Job:</b> 26-Apr-13 23:00		<b>Arrive from Job:</b> 27-Apr-13 11:00				
<b>Casing/Tubing</b>			<b>Service Instructions:</b>			
<b>String Type</b>	<b>Depth</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	Provide equipment, materials, services and personnel to safely cement 7" intermediate casing per customer specifications,	
Casing	5488 ft	7 in	26 lb/ft	P-110		
<b>Perforations</b>					Pump 30 bbl gel water, 250 sks 50:50 Poz:H Lead @ 13.6 ppg, 100 sks Class H Tail @ 15.6 ppg, drop top plug and displace per customer request.	
<b>Top</b>	<b>Bottom</b>	<b>SPF</b>	<b>No of Shots</b>	<b>Formation Name</b>		
<b>Total Interval:</b> 0		<b>Diameter:</b>				
<b>Coiled Tubing</b>						
<b>Size</b>	<b>Thickness</b>	<b>Length</b>	<b>String ID</b>	<b>Reel ID</b>		
<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>
Israel	281-617-4654					
<b>Notes:</b>						
TOC: xxxx' -- volumes based on 8.75" OH + 40% XS						
Equipment: 7" HM and QC (8RD and BTC), top and bottom plugs, water hoses, mud hoses (contingency), air hoses, washup hoses, D110, D047, B306						
GET FIELD TICKET STAMPED.						
<b>Directions:</b>						
From Medford Okla go west on hwy 11 16.5 miles turn north on hwy 132 to state line go north on hwy 179 1.7 miles turn west on SW-90-rd 4.5 miles turn south on SW-50 0.4 miles turn west on lease rd 0.3 miles into location						

<b>Materials</b>				
<b>Name</b>	<b>Code</b>	<b>Description</b>	<b>Quantity</b>	<b>Density</b>
GEL WATER		30 BBL GELLED WATER	30.00 bbl	8.32 lb/gal
LEAD SLURRY		250 SKS 50:50 POZ:H @ 13.6 PPG	362.50 ft3	13.60 lb/gal
TAIL SLURRY		100 SKS CLASS H @ 15.6 PPG	119.00 ft3	15.60 lb/gal

**Fluid Systems:**

<b>GEL WATER</b>				
30 BBL GELLED WATER				
<i>Sacks Of:</i>		<i>Total Blend/Cem:</i>		
<i>Sack Weight:</i>		<i>Dry Blend Code:</i>		
<i>Yield:</i>		<i>Final Fluid Density:</i>	8.32	lb/gal
<i>Mix Water:</i>		<i>Base Fluid Den:</i>		
<i>Mix Fluid:</i>		<i>Volume:</i>	30.00	bbbl
<i>Mix Water Den:</i>		<i>Base Fluid Vol:</i>		
<i>Sacks Blend/Cem:</i>		<i>Acid Volume:</i>		
<i>Total Mix Water:</i>		<i>Acid Conc:</i>		
<i>Total Mix Fluid:</i>				
				Load out Excess
Code	Conc	Design	Total by design	Load out with excess
B306	0.200 gal/bbl	BVOWashVO	6.00 gal	6.00 gal

<b>LEAD SLURRY</b>				
250 SKS 50:50 POZ:H @ 13.6 PPG				
<i>Sacks Of:</i>	Cement		<i>Total Blend/Cem:</i>	21,000.00 lb
<i>Sack Weight:</i>	84.00	lb	<i>Dry Blend Code:</i>	
<i>Yield:</i>	1.45	ft3/sk	<i>Final Fluid Density:</i>	13.60 lb/gal
<i>Mix Water:</i>	6.87	gal/sk	<i>Base Fluid Den:</i>	
<i>Mix Fluid:</i>			<i>Volume:</i>	
<i>Mix Water Den:</i>			<i>Base Fluid Vol:</i>	
<i>Sacks Blend/Cem:</i>	250.00	sks	<i>Acid Volume:</i>	
<i>Total Mix Water:</i>	6.50	m3	<i>Acid Conc:</i>	
<i>Total Mix Fluid:</i>				
				Load out Excess
Code	Conc	Design	Total by design	Load out with excess
D909	47.000 lb/sk	WTSK	11,750.00 lb	11,750.00 lb
D035	37.000 lb/sk	WTSK	9,250.00 lb	9,250.00 lb
D020	4.000 %	BWOB	840.00 lb	840.00 lb
D112	0.600 %	BWOB	126.00 lb	126.00 lb
D065	0.100 %	BWOB	21.00 lb	21.00 lb
D042	2.000 lb/sk	WTSK	500.00 lb	500.00 lb

D079	0.200 %	BWOB	42.00 lb	42.00 lb
D013	0.180 %	BWOB	37.80 lb	37.80 lb

TAIL SLURRY				
100 SKS CLASS H @ 15.6 PPG				
Sacks Of:	Cement		Total Blend/Cem:	9,400.00 lb
Sack Weight:	94.00 lb		Dry Blend Code:	
Yield:	1.19 ft3/sk		Final Fluid Density:	15.60 lb/gal
Mix Water:	5.32 gal/sk		Base Fluid Den:	
Mix Fluid:			Volume:	
Mix Water Den:			Base Fluid Vol:	
Sacks Blend/Cem:	100.00 sks		Acid Volume:	
Total Mix Water:	2.01 m3		Acid Conc:	
Total Mix Fluid:				
				Load out Excess
Code	Conc	Design	Total by design	Load out with excess
D909	94.000 lb/sk	WTSK	9,400.00 lb	9,400.00 lb
D013	0.100 %	BWOC	9.40 lb	9.40 lb

Resources				
Personnel	Equipment 1	Equipment 2	Assignment	Note
Charles Jacobs			26-Apr-13 23:00 - 27-Apr-13 11:00	
James Flick	2TRA27543	2CPF29504	26-Apr-13 23:00 - 27-Apr-13 11:00	
Zachary Verser			26-Apr-13 23:00 - 27-Apr-13 11:00	
Justin Voegeli			26-Apr-13 23:00 - 27-Apr-13 11:00	