

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802
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Date	Invoice #
5/17/2013	1911

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	5/17/2013	Bryant 3508 2-10H, 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' Tinchom	1	Furnished and set 6' X 6' tinchom
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 and water to displace cement down center of conductor pipe
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: DC 12693
Well: BRYANT 3508 2-10H
Code: 850-010
AMT: 19,340
Co Man: Doug Sanders

Subtotal	\$19,340.00
Sales Tax (0.0%)	\$0.00
Total	\$19,340.00



Service Order for i-District Job 990217

Customer Name: SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING O	Person Taking Call:	Location: El Reno, OK WS	Order Date: 25-May-13 13:54	Job Number: 990217		
Service Order Number:	Service Line: Cementing El Reno	Supervisor:	Legal Location: SEC 10-35S-8W			
Well Name and Number: BRYANT -3508-, 2-10 H	Pad/Platform:	Field:	County: Harper	State/Prov: Kansas		
Well Master Number: 0631469437	API/UWI: 15077219300100	Rig Name: HORIZON #15	Well Age: New	Sales Engineer:		
Job Type: Cementing El Reno – Surface	Time Well Ready:	Deviation: 0 deg	Hole Size: 12.25 in	Well MD: 800 ft		
Well TVD: 800 ft	BHP:	BHST: 89 °F	BHCT: 81 °F	Treat Down: Casing		
Packer Type:	Packer Depth:	Min and Max Densities: Lead: 12.3-13.3 ppg Tail: 14.3-15.3 ppg	HHP on Location:	Max Allowed Pressure: 5000 psi		
Max Allowed Ann Pressure:		Job Stage Description: 9 5/8" Surface	FTL Ticket/Quote Number : C1YQ-00196			
Casing/Tubing			Service Instructions:			
String Type	Depth	Size	Weight	Grade	Thread	
Casing	800 ft	9.625 in	36 lb/ft	J-55	LTC	
			Provide equipment, materials, services and personnel to safely cement 9 5/8" surface casing per customer specifications. Pump 10 bbl water, 270 sks 35:65 Poz:C Lead @ 12.8, 170 sks Class C Tail @ 14.8, drop top plug and displace per customer request.			
Client Contact						
Name	Voice	Fax	Email	Title	Company	Notes
Tim and Doug	281-617-4694					
Notes:						
TOC: Surface -- volumes based on 12.25" OH + 150% XS						
Equipment: 9 5/8" HM and QC (8RD and BTC), top and bottom plugs (rubber and wooden top), D110, D047, 1 pump, 2 ABTs, air hoses, water hoses, mud hoses (contingency), washup hoses						
GET FIELD TICKET STAMPED.						
Directions:						
From Medford Okla go west on hwy 11 24.0 miles turn north on CR-720 2.0 miles turn west on Jefferson rd 4.9 miles turn south on lease rd 0.5 miles into location						

Materials			
Name	Description	Quantity	Density
LEAD SLURRY	270 SKS 35:65 POZ:C + ADDS	542.70 ft3	12.40 lb/gal
TAIL SLURRY	170 SKS CLASS C + ADDS	226.10 ft3	14.80 lb/gal

Fluid Systems:

LEAD SLURRY				
270 SKS 35:65 POZ:C + ADDS				
<i>Sacks Of:</i>	Cement		<i>Total Blend/Cem:</i>	23,490.00 lb
<i>Sack Weight:</i>	87.00 lb		<i>Sacks Blend/Cem:</i>	270.00 sks
<i>Yield:</i>	2.01 ft3/sk		<i>Final Fluid Density:</i>	12.40 lb/gal
<i>Mix Water:</i>	11.12 gal/sk			
Code	Conc	Design	Total by design	Load out with excess
D903	61.000 lb/sk	WTSK	16,470.00 lb	16,470.00 lb
D035	26.000 lb/sk	WTSK	7,020.00 lb	7,020.00 lb
D020	6.000 %	BWOB	1,409.40 lb	1,409.40 lb
S001	2.000 %	BWOB	469.80 lb	469.80 lb
D130	0.125 lb/sk	WTSK	33.75 lb	33.75 lb

TAIL SLURRY				
170 SKS CLASS C + ADDS				
<i>Sacks Of:</i>	Cement		<i>Total Blend/Cem:</i>	15,980.00 lb
<i>Sack Weight:</i>	94.00 lb		<i>Sacks Blend/Cem:</i>	170.00 sks
<i>Yield:</i>	1.33 ft3/sk		<i>Final Fluid Density:</i>	14.80 lb/gal
<i>Mix Water:</i>	6.35 gal/sk			
Code	Conc	Design	Total by design	Load out with excess
D903	94.000 lb/sk	WTSK	15,980.00 lb	15,980.00 lb
D130	130.000 lb/sk	WTSK	22,100.00 lb	22,100.00 lb



Service Order for i-District Job 991861

Customer Name: SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING O	Person Taking Call:	Location: El Reno, OK WS	Order Date: 28-May-13 16:43	Job Number: 991861		
Service Order Number:	Service Line: Cementing El Reno	Supervisor:	Legal Location: SEC 10-35S-8W			
Well Name and Number: BRYANT -3508-, 2-10 H	Pad/Platform:	Field:	County: Harper	State/Prov: Kansas		
Well Master Number: 0631469437	API/UWI: 15077219300100	Rig Name: HORIZON #15	Well Age: New	Sales Engineer:		
Job Type: Cementing El Reno – Intermediate	Time Well Ready:	Deviation: 90 deg	Hole Size: 8.75 in	Well MD: 5500 ft		
Well TVD: 4858 ft	BHP:	BHST: 138 °F	BHCT: 128 °F	Treat Down: Casing		
Packer Type:	Packer Depth:	Min and Max Densities: Lead: 13.4-13.8 ppg Tail: 15.4-15.8 ppg	HHP on Location:	Max Allowed Pressure: 5000 psi		
Max Allowed Ann Pressure:		Job Stage Description: 7" Intermediate	FTL Ticket/Quote Number : C1YQ-00203			
Casing/Tubing			Service Instructions:			
String Type	Depth	Size	Weight	Grade	Thread	
Casing	5476 ft	7 in	26 lb/ft	P-110		
			To provide equipment, materials, services and personnel to safely cement 7" surface casing per customer request.			
			Pump 30 bbl gel water, 210 sks lead slurry @ 13.6ppg, 100 sks tail slurry @ 15.6ppg, drop top plug and displace per customer specifications.			
Client Contact						
Name	Voice	Fax	Email	Title	Company	Notes
Israel	281-617-4654					
Notes:						
TOC: 3567.1' -- volumes based on 8.75" OH + 40% XS						
Equipment: 7" HM and QC (8RD and BTC), top and bottom plugs, water hoses, air hoses, mud hoses (contingency), washup hoses (contingency), D110, D047, B306, 1 pump, 2 ABTS						
GET FIELD TICKET STAMPED if applicable						
Directions:						
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 1.0 miles turn west on SW-100 rd 2.0 miles turn north 1.0 miles turn west into location						

Materials			
Name	Description	Quantity	Density
Gel Water	30 bbl gel water	30.00 bbl	8.33 lb/gal
Lead Slurry	210 sks 50:50 Poz:H + adds	197.20 ft3	13.60 lb/gal
Tail Slurry	100 sks Class H + adds	119.00 ft3	15.60 lb/gal

Fluid Systems:

Gel Water				
30 bbl gel water				
<i>Final Fluid</i>				
Density: 8.33 lb/gal				
Volume: 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

Lead Slurry				
210 sks 50:50 Poz:H + adds				
<i>Sacks Of:</i> Blend <i>Total Blend/Cem:</i> 17,640.00 lb				
<i>Sack Weight:</i> 84.00 lb <i>Sacks Blend/Cem:</i> 210.00 sks				
<i>Yield:</i> 1.45 ft3/sk <i>Final Fluid Density:</i> 13.60 lb/gal				
<i>Mix Water:</i> 6.88 gal/sk				
Code	Conc	Design	Total by design	Load out with excess
D079	0.200 %	BWOB	35.28 lb	35.28 lb
D042	2.000 lb/sk	WTSK	420.00 lb	420.00 lb
D065	0.100 %	BWOB	17.64 lb	17.64 lb
D112	0.600 %	BWOB	105.84 lb	105.84 lb
D020	4.000 %	BWOB	705.60 lb	705.60 lb
D035	37.000 lb/sk	WTSK	7,770.00 lb	7,770.00 lb
D909	47.000 lb/sk	WTSK	9,870.00 lb	9,870.00 lb

Tail Slurry				
100 sks Class H + adds				
<i>Sacks Of:</i> Cement <i>Total Blend/Cem:</i> 9,400.00 lb				
<i>Sack Weight:</i> 94.00 lb <i>Sacks Blend/Cem:</i> 100.00 sks				
<i>Yield:</i> 1.19 ft3/sk <i>Final Fluid Density:</i> 15.60 lb/gal				
<i>Mix Water:</i> 5.32 gal/sk				
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	0.030 %	BWOC	2.82 lb	2.82 lb