

*Carl & Lawrence*



P.O. BOX 3660  
HOUMA, LA 70361-3660

Customer: SAN400

BILL TO: SANDRIDGE ENERGY  
123 ROBERT S KERR AVENUE  
OKLAHOMA CITY, OK 73102-6406  
PHONE: (405) 753-5500 FAX: ()

Division : 0701  
Delivery Ticket : 4793  
Delivery Date : 4/11/2013  
Office : 12/1/1901

Ordered By :  
Lease/Well : KERSTETTER 3120 4-25H  
Rig Name/Number : LARIAT #8 L/S  
AFE Number :  
Site Contact :

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	KERSTETTER 3120 4-25H	\$21,250.00	\$0.00	\$21,250.00	4/5/2013 4/5/2013	\$21,250.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
75	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
75	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
13	CEMENT 10 SACK GROUT	\$0.00	\$0.00	\$0.00	4/5/2013 4/5/2013	
Sub Total:		\$21,250.00	\$0.00			\$21,250.00

AFE Number: DC 12472  
Well Name: Kerstetter 3120-4-25H  
Code: 850.010  
Amount: 21,250.00  
Co. Man: \_\_\_\_\_  
Co. Man Sig: [Signature]  
Notes: \_\_\_\_\_

Print Name

Signature

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2588</b>	TICKET DATE <b>04/13/13</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Tommy Whitlow</b>	
LEASE NAME <b>Kerstetter</b>	Well No. <b>1120 4-251</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME					
John Hall		10			
Bryan Douglas					
Rocky Anthis					
Joseph Klemm					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At 0

Bottom Hole Temp. 80 Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth 1000

Date	Called Out	On Location	Job Started	Job Completed
	4/13/2013	4/13/2013	4/13/2013	4/14/2013
Time	1200	1600	2330	100

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		36#	9	5/8	Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4		Surface	990
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL		20 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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/13	9.0	4/13	1.0	Surface
		4/14	1.0	
Total	9.0	Total	2.0	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures		
MAX	1500	AVG.
Average Rates in BPM		
MAX	6 BPM	AVG.
Cement Left in Pipe		
Feet	44	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	300	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	150	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	0	0		0	0.00	0.00

Summary					
Preflush	<u>10</u>	Type: _____	Caustic	Preflush: BBI	<u>10.00</u>
Breakdown		MAXIMUM	1000 PSI	Load & Bkdn: Gal - BBI	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBI	N/A
		Actual TOC	Surface	Calc. TOC:	Surface
Average		Bump Plug PSI:	1,000	Final Circ. PSI:	
SIP	5 Min.	10 Min.	15 Min.	Cement Slurry: BBI	<u>133.5</u>
				Total Volume BBI	<u>216.90</u>
				Type: Fresh Water	
				Pad:Bbl -Gal	N/A
				Calc.Disp Bbl	73
				Actual Disp.	73.40
				Disp:Bbl	73.40

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2601</b>	TICKET DATE <b>04/19/13</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Tommy Whitlow</b>	
LEASE NAME <b>Kerstetter 3120</b>	Well No. <b>4-25H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>L. ARNEY</b>	

EMP NAME					
L. ARNEY		0			
M. QUINTANA					
D. TEWELL					
K. JOHNSON					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At \_\_\_\_\_ 0  
Bottom Hole Temp. \_\_\_\_\_ 155 Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_ 5616

Date	Called Out	On Location	Job Started	Job Completed
	4/18/2013	4/19/2013	4/19/2013	4/19/2013
Time	2000	0000	0643	0900

Tools and Accessories		
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
Casing		26#	7"		Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 1/4"		Surface	5,616
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/19	9.0	4/19	2.0	Intermediate
Total	9.0	Total	2.0	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_

Pressures			
MAX	5,000 PSI	AVG	600
Average Rates in BPM			
MAX	8 BPM	AVG	6
Cement Left in Pipe			
Feet	93	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	175	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.5% C-41P - 1 lb/sk Phenos	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.1% C-37 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary								
Preflush	10	Type:	Caustic	Preflush:	BBI	30.00	Type:	Fresh Water
Breakdown		MAXIMUM	5,000 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	212
		Actual TOC		Calc. TOC:		3.265	Actual Disp.	211.00
Average		Bump Plug PSI:	1,300	Final Circ.	PSI:	800	Disp:Bbl	
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBI	65.0		
				Total Volume	BBI	307.00		

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_





**Service Order for i-District Job 972256**

<b>Customer Name:</b> SANDRIDGE ENERGY INC. - FOR ELECTRONIC INVOICING O	<b>Person Taking Call:</b>	<b>Location:</b> EI Reno, OK WS	<b>Order Date:</b> 22-Apr-13 14:23	<b>Job Number:</b> 972256		
<b>Service Order Number:</b>	<b>Service Line:</b> Cementing EI Reno	<b>Supervisor:</b>	<b>Legal Location:</b>			
<b>Well Name and Number:</b> KERSTETTER -3120-, 4-25 H	<b>Pad/Platform:</b>	<b>Field:</b>	<b>County:</b> Comanche	<b>State/Prov:</b> Kansas		
<b>Well Master Number:</b> 0631456586	<b>API/UWI:</b> 15033217040100	<b>Rig Name:</b> LARIAT SERVICES/ODE #45	<b>Well Age:</b> New	<b>Sales Engineer:</b> Meshall Thomas		
<b>Job Type:</b> Cementing EI Reno – Liner	<b>Time Well Ready:</b>	<b>Deviation:</b>	<b>Hole Size:</b>	<b>Well MD:</b> 9544 ft		
<b>Well TVD:</b> 5165 ft	<b>BHP:</b>	<b>BHST:</b> 141 degF	<b>BHCT:</b> 141 degF	<b>Treat Down:</b> None		
<b>Packer Type:</b>	<b>Packer Depth:</b>	<b>Min/Max Density:</b> Slurry: 13.4/13.8 ppg	<b>HHP on Location:</b>	<b>Max Allowed Pressure:</b> 5000 psi		
<b>Max Allowed Ann Pressure:</b>		<b>Job Stage Description:</b> 4 1/2" Liner	<b>FTL Ticket/Quote Number :</b> CDL7-00187			
<b>Casing/Tubing</b>						
<b>String Type</b>	<b>Depth</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	
Casing	9544 ft	4.5 in	11.6 lb/ft	P-110	LTC	
<b>Service Instructions:</b>						
Provide equipment, materials, services and personnel to safely cement a 4 1/2" Liner per client specifications.						
Pump 30 bbl gel water @9ppg, 490 sks Single System slurry @13.6ppg, drop dart and displace per client request.						
<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>
Bill Torbett	281-617-4471					
<b>Notes:</b>						
TOC: 4093' -- volumes based on 6.125" + 40% XS						
Equipment: 1 pump, 2 ABTs, wash up hoses, water hoses, air hoses and mud hoses (contingency), D047, D110, B306						
Check numbers with Co rep						
GET FIELD TICKET STAMPED if applicable						
<b>Directions:</b>						
From Alva Okla go north on Hwy 281 38.0 miles turn west on Hwy 160 40.0 miles to Coldwater Ks. Turn north on hwy 183 2.2 miles turn west on Ave F 5.6 miles turn north into location						

<b>Materials</b>			
<b>Name</b>	<b>Description</b>	<b>Quantity</b>	<b>Density</b>
Gel Water	30 bbl gel water	30.00 bbl	9.00 lb/gal
Slurry	490 sks 50:50 Poz:H + adds	710.50 ft3	13.60 lb/gal

**Fluid Systems:**

<b>Gel Water</b>				
<b>30 bbl gel water</b>				
<i>Volume:</i>		30.00 bbl	<i>Final Fluid Density:</i> 9.00 lb/gal	
<b>Code</b>	<b>Conc</b>	<b>Design</b>	<b>Total</b>	<b>Load out with excess</b>
B306	0.200 gal/bbl	BVOWashVO	6.00 gal	6.00 gal

<b>Slurry</b>				
<b>490 sks 50:50 Poz:H + adds</b>				
<i>Sacks Of:</i>		Blend	<i>Total Blend/Cem:</i> 41,160.00 lb	
<i>Sack Weight:</i>		84.00 lb	<i>Sacks Blend/Cem:</i> 490.00 sks	
<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>	
<b>Code</b>	<b>Conc</b>	<b>Design</b>	<b>Total</b>	<b>Load out with excess</b>
D909	47.000 lb/sk	WTSK	23,030.00 lb	23,030.00 lb
D035	37.000 lb/sk	WTSK	18,130.00 lb	18,130.00 lb
D020	4.000 %	BWOB	1,646.40 lb	1,646.40 lb
D112	0.600 %	BWOB	246.96 lb	246.96 lb
D065	0.100 %	BWOB	41.16 lb	41.16 lb
D046	0.200 %	BWOB	82.32 lb	82.32 lb
D042	2.000 lb/sk	WTSK	980.00 lb	980.00 lb
D013	0.220 %	BWOB	90.55 lb	90.55 lb
D079	0.200 %	BWOB	82.32 lb	82.32 lb