



Division : 0701  
 Delivery Ticket : 4583  
 Delivery Date : 3/21/2013  
 Office : 12/1/1901

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

Customer : SAN400

Ordered By :  
 Lease/Well : KERSTETTER 3120 3-25H  
 Rig Name/Number : LARIAT 45  
 AFE Number :  
 Site Contact :  
 :  
 :  
 :

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

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	KERSTETTER 3120 3-25H	\$21,250.00	\$0.00	\$21,250.00	3/15/2013 3/15/2013	\$21,250.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
77	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
77	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
14	CEMENT 10 SACK GROUT	\$0.00	\$0.00	\$0.00	3/15/2013 3/15/2013	
Sub Total:		\$21,250.00	\$0.00			\$21,250.00

Print Name

Signature

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2531</b>	TICKET DATE <b>03/23/13</b>
COUNTY <b>Commanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Tommy Whitlow</b>	
LEASE NAME <b>Kerstetter 3120</b>	Well No. <b>3-25H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Brett Armer &amp; John Hall</b>	

EMP NAME <b>Brett Armer</b>	<b>John Hall</b>				
<b>Bryan Douglas</b>					
<b>Joseph Klemm</b>					
<b>Rocky Anthis</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At 0  
 Bottom Hole Temp. 80 Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth 366'

Date	Called Out <b>3/21/2013</b>	On Location <b>3/21/2013</b>	Job Started <b>3/21/2013</b>	Job Completed <b>3/23/2013</b>
Time	<b>0700</b>	<b>1300</b>	<b>2250</b>	<b>1400</b>

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		68.0	13	3/8	Surface	366
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			17	1/2"	Surface	366
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials				
	WBM	Density		Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b>	Lb/Gal
Spacer type	resh Water	BBL.	10	8.33
Spacer type	BBL.			
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	
Perfpac Balls		Qty.		
Other				
Other				
Other				
Other				

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/21		3/23		Surface
Total	<b>0.0</b>	Total	<b>0.0</b>	

Pressures		
MAX	1,500 PSI	AVG.
Average Rates in BPM		
MAX	6 BPM	AVG.
Cement Left in Pipe		
Feet	37	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	160	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	340	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary					
Preflush Breakdown	<input type="text"/>	Type:	MAXIMUM	1,500 PSI	Preflush: BBI
			Lost Returns-N	NO/FULL	Load & Bkdn: Gal - BBI
			Actual TOC	SURFACE	Excess /Return BBI
Average		Bump Plug PSI:			Calc. TOC:
S:P	5 Min.	10 Min	15 Min		Final Circ. PSI:
					Cement Slurry: BBI
					Total Volume BBI
					<b>456.0</b>
					<b>466.00</b>

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

# JOB SUMMARY

<b>PROJECT NUMBER</b> SOK 2544			<b>TICKET DATE</b> 03/25/13		
<b>COUNTY</b> Commanche		<b>State</b> Kansas		<b>COMPANY</b> Bridg Exploration & Produc	
<b>LEASE NAME</b> Kerstetter 3120			<b>Well No.</b> 3-25H		<b>JOB TYPE</b> Surface
<b>CUSTOMER REP</b> Tommy Whitlow				<b>EMPLOYEE NAME</b> Johnny Breeze	

<b>EMP NAME</b> Johnny Breeze	Roy Morris				
Dustin Odom					
Bryan Douglas					
Flo Helkena					

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
	3/24/2013	3/24/2013	3/25/2013	3/25/2013
Time	1200	1700	0630	0830

**Tools and Accessories**

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	Max. Allow
Casing		36#	9 5/8"		Surface	1,006	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	1,000	Shots/Ft.
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.	10	8.33
Spacer type	BBL.			
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

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

**Hours On Location**

Date	Hours
3/24	7.0
3/25	8.5
Total	15.5

**Operating Hours**

Date	Hours
3/25	4.0
Total	4.0

**Description of Job**

Surface

**Pressures**

MAX 1,500 PSI	AVG 250
Average Rates in BPM	
MAX 6 BPM	AVG 4
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	110	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	*200	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

**Summary**

Preflush Breakdown	Type: _____	MAXIMUM 1,500 PSI	Preflush: BBI 10.00	Type: Fresh Water
	Lost Returns-N	NO/FULL	Load & Bkdn: Gal - BBI N/A	Pad:Bbl -Gal N/A
	Actual TOC	SURFACE	Excess /Return BBI 30	Calc. Disp Bbl 74
Average	Bump Plug PSI: 940	Final Circ. PSI: 400	Calc. TOC: SURFACE	Actual Disp. 74.38
ISIP 5 Min.	10 Min 15 Min	Cement Slurry: BBI 124.2	Disp:Bbl	
		Total Volume BBI 208.55		

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

SIGNATURE \_\_\_\_\_

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2565</b>	TICKET DATE <b>04/01/13</b>
COUNTY <b>Commanche</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>3-25H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME					
John Hall		0			
Bryan Douglas					
Rocky Anthis					
Joseph Klemm					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At 4,131'  
 Bottom Hole Temp. 155 Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth 5,647'

	Called Out	On Location	Job Started	Job Completed
Date	<b>4/1/2013</b>	<b>4/1/2013</b>	<b>4/1/2013</b>	<b>4/1/2013</b>
Time	<b>800</b>	<b>1200</b>	<b>1500</b>	<b>1700</b>

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 3/4"	Surface	5,677'
Perforations					Shots/Ft.
Perforations					
Perforations					

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh Water	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	
4/1	5.0	4/1	2.0	Intermediate
Total	5.0	Total	2.0	

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

Pressures	
MAX	5,000 PSI
AVG.	
Average Rates in BPM	
MAX	8 BPM
AVG	
Cement Left in Pipe	
Feet	90
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 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush	<u>10</u>	Type: Caustic	Preflush: BBI	<u>30.00</u>	Type: Fresh Water
Breakdown		MAXIMUM	Load & Bkdn: Gal - BBI	<u>N/A</u>	Pad:Bbl -Gal <u>N/A</u>
		Lost Returns-N	Excess /Return BBI	<u>N/A</u>	Calc. Disp Bbl <u>215</u>
		Actual TOC	Calc. TOC:	<u>4.131</u>	Actual Disp. <u>214.50</u>
Average		Bump Plug PSI:	Final Circ. PSI:	<u>1.000</u>	Disp:Bbl <u>214.50</u>
ISIP	5 Min.	10 Min	Cement Slurry: BBI	<u>55.8</u>	
		15 Min	Total Volume BBI	<u>310.30</u>	

CUSTOMER REPRESENTATIVE Bill Jordan SIGNATURE



### Service Order for i-District Job 961078

<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> 01-Apr-13 11:59	<b>Job Number:</b> 961078		
<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> KERSTETTER -3120-, 3-25 H	<b>Pad/Platform:</b>	<b>Field:</b>	<b>County:</b> Comanche	<b>State/Prov:</b> KS		
<b>Well Master Number:</b> 0631455281	<b>API/UWI:</b> 15033217010100	<b>Rig Name:</b> LATSHAW DRILLING #45	<b>Well Age:</b> New	<b>Sales Engineer:</b> Meshall Thomas		
<b>Job Type:</b> Cementing El Reno – Liner	<b>Time Well Ready:</b>	<b>Deviation:</b> 90 deg	<b>Hole Size:</b> 6.125 in	<b>Well MD:</b> 9633 ft		
<b>Well TVD:</b> 5101 ft	<b>BHP:</b>	<b>BHST:</b>	<b>BHCT:</b>	<b>Treat Down:</b> None		
<b>Packer Type:</b>	<b>Packer Depth:</b>	<b>Min/Max Densities:</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> CDL7-00161			
<b>Casing/Tubing</b>						
<b>String Type</b>	<b>Depth</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	
Casing	9633 ft	4.5 in	11.6 lb/ft	N-80	LTC	
<b>Service Instructions:</b> Provide equipment, materials, services and personnel to safely cement 4 1/2" Liner per client specifications.  Pump 30 bbl gel water, 500 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	481-617-4471					
<b>Notes:</b> TOC: 4034' -- volumes based on 6.125" + 40% XS  Equipment: 1 pump, x 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 6.6 miles turn north into location						

Materials			
Name	Description	Quantity	Density
Gel Water	30 bbls gel water	30.00 bbl	8.33 lb/gal
Single System Slurry	500 sks 50:50 Poz:H + adds	725.00 ft3	13.60 lb/gal

**Fluid Systems:**

<b>Gel Water</b>				
<b>30 bbls gel water</b>				
<i>Volume:</i>		30.00 bbl	<i>Final Fluid Density:</i> 8.33 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>Single System Slurry</b>				
<b>500 sks 50:50 Poz:H + adds</b>				
<i>Sacks Of:</i>		Blend	<i>Total Blend/Cem:</i> 42,000.00 lb	
<i>Sack Weight:</i>		84.00 lb	<i>Sacks Blend/Cem:</i> 500.00 sks	
<i>Yield:</i>		1.45 ft <sup>3</sup> /sk	<i>Final Fluid Density:</i> 13.60 lb/gal	
<i>Mix Water:</i>		6.91 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	23,500.00 lb	23,500.00 lb
D035	37.000 lb/sk	WTSK	18,500.00 lb	18,500.00 lb
D020	4.000 %	BWOB	1,680.00 lb	1,680.00 lb
D112	0.600 %	BWOB	252.00 lb	252.00 lb
D065	0.100 %	BWOB	42.00 lb	42.00 lb
D046	0.200 %	BWOB	84.00 lb	84.00 lb
D042	2.000 lb/sk	WTSK	1,000.00 lb	1,000.00 lb
D013	0.220 %	BWOB	92.40 lb	92.40 lb
D079	0.200 %	BWOB	84.00 lb	84.00 lb