



INVOICE

DATE	INVOICE #
11/26/2013	4466

BILL TO
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

REMIT TO
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D.	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
CLARK, KS	11/26/2013	3389	TOMCAT 2	LSPLUND 3020 4-19	Due on rec...

Description

DRILLED 60' OF 30" CONDUCTOR HOLE  
 DRILLED 6' OF 76" HOLE  
 FURNISHED AND SET 6" X 6" TINBORN CLEAR  
 FURNISHED 60' OF 20" CONDUCTOR PIPE  
 FURNISHED 1 LOAD(S) MUD  
 FURNISHED WELDER AND MATERIALS  
 FURNISHED 6 YARDS OF GRADE A CEMENT  
 DRILL RAT AND MOUSE HOLES

TOTAL BID \$13,593.97

WFE Number: DC 13428  
 Well Name: LSPLUND 3023 1-19  
 Code: 830 090  
 Amount: 13,593.97  
 Co. Man: Sally Fortune  
 Co. Man Sig: [Signature]  
 Notes: \_\_\_\_\_

Sales Tax (6.15%)	593.97
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<b>TOTAL</b>	<b>\$13,593.97</b>
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<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3252</b>	TICKET DATE <b>12/14/13</b>
COUNTY <b>Clarke</b>	State <b>Kansas</b>	COMPANY <b>Dridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Bill Tomlinson</b>	
LEASE NAME <b>Esplund 3023</b>	Well No. <b>1-19</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>ROBERT BURRIS</b>	

EMP NAME	0				
Robert Burris					
Mike Hall					
Cheryl Newton					
Roy Morris					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **95** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **1265**

	Called Out	On Location	Job Started	Job Completed
Date	<b>12/13/2013</b>	<b>12/13/2013</b>	<b>12/14/2013</b>	<b>12/14/2013</b>
Time	<b>17:00</b>	<b>21:30</b>	<b>08:12</b>	<b>10:30</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		36#	9 5/8"		Surface	1,260
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	1,265
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	<b>9</b> Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b> Lb/Gal
Spacer type	resh Water BBL.		<b>10</b> <b>8.33</b>
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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>12/13</b>	<b>13.0</b>	<b>12/14</b>	<b>1.4</b>	Surface
Total	<b>13.0</b>	Total	<b>1.4</b>	

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

Pressures			
MAX	1.500 PSI	AVG	375 SPI
Average Rates in BPM			
MAX	6 BPM	AVG	4 BPM
Cement Left in Pipe			
Feet	46 FT	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	290	FEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .5% C-41P	11.11	2.01	12.40
2	245	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80
3	0	0		0.00	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	1,500 PSI	Preflush: BBI _____	10.00
	Lost Returns-N _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A
	Actual TOC _____	SURFACE _____		Excess /Return BBI _____	40
Average ISIP _____	Bump Plug PSI: _____	1,100	15 Min _____	Calc. TOC: _____	SURFACE
	10 Min _____			Final Circ. PSI: _____	575
				Cement Slurry: BBI _____	162.0
				Total Volume BBI _____	266.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 SIGNATURE *Tomy [Signature]*