



INVOICE

DATE	INVOICE #
11/26/2013	4466

BILL TO
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERTS, 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	ESPLUND 3023 1-19	Due on rec.

Description				
DRILLED 60' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6" X 6" TINIORN CELLAR 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 \$ 13,500.00				
FE Number: <u>DC 13428</u> Well Name: <u>Esplund 3023 1-19</u> Code: <u>830 090</u> Amount: <u>13,593.97</u> Co. Man: <u>John Fortune</u> Co. Man Sig.: <u>[Signature]</u> Notes: _____				
<table border="1" style="width: 100%;"> <tr> <td>Sales Tax (6.15%)</td> <td>593.97</td> </tr> <tr> <td>TOTAL</td> <td>\$13,593.97</td> </tr> </table>	Sales Tax (6.15%)	593.97	TOTAL	\$13,593.97
Sales Tax (6.15%)	593.97			
TOTAL	\$13,593.97			

JOB SUMMARY

PROJECT NUMBER SOK 3252		TICKET DATE 12/14/13	
COUNTY Clarke	State Kansas	COMPANY Dridge Exploration & Produc	CUSTOMER REP Bill Tomlinson
LEASE NAME Esplund 3023	Well No. 1-19	JOB TYPE Surface	EMPLOYEE NAME ROBERT BURRIS

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	12/13/2013	12/13/2013	12/14/2013	12/14/2013
Time	17:00	21:30	08:12	10:30

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						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	8.33
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	

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

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

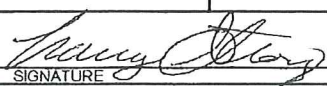
Other _____

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	EX 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 _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average ISIP _____	5 Min. _____	10 Min. _____	15 Min. _____	Cement Slurry: BBI _____	Total Volume BBI _____
Preflush: BBI	10.00	Type: Fresh Water	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
Excess /Return BBI	40	Calc. Disp Bbl	94	Actual Disp.	94.00
Final Circ. PSI:	SURFACE	Disp:Bbl			
	575				
	162.0				
	266.00				

CUSTOMER REPRESENTATIVE _____

SIGNATURE 

JOB SUMMARY			PROJECT NUMBER SOK 3278	TICKET DATE 12/21/13
COUNTY Clarke	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Bill Tomlinson	
LEASE NAME Esplund 3023	Well No. 1-19	JOB TYPE Plug to Abandon	EMPLOYEE NAME John Hall	

EMP NAME	John Hall	0					
Joseph Klemm							
Roy Morris							
Daived Thomas							

Form. Name _____ Type: _____
 Packer Type _____ Set At 1,600'
 Bottom Hole Temp. 95 Pressure _____
 Retainer Depth _____ Total Depth 0

Date	Called Out 12/21/2013	On Location 12/21/2013	Job Started 12/21/2013	Job Completed 12/21/2013
Time	600am	930am	1000am	530pm

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	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	Max. Allow
Casing		36#	9 1/2"		Surface	0	1,500
Liner							
Liner							
Tubing			4 1/2"				
Drill Pipe							
Open Hole			4" & 9 5/8" C		Surface	0	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	BBL.		
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	
Fnc. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/21	8.0	12/21	7.5	Plug to Abandon
Total	8.0	Total	7.5	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

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

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	260	TEX Lite Premium Plus 60	4% Gel			
				6.32	1.35	14.10
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary							
Preflush Breakdown	_____	Type: _____	MAXIMUM _____	1,500 PSI	Preflush: BBI _____	Type: _____	Fresh Water
		Lost Returns → _____	NO/FULL		Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____	N/A
		Actual TOC _____	SURFACE		Excess /Return BBI _____	Calc. Disp Bbl _____	
Average	_____	Bump Plug PSI: _____			Calc. TOC: _____	Actual Disp. _____	
15.7	5 Min.	10 Min _____	15 Min _____		Final Circ. PSI: _____	Disp: Bbl _____	
					Cement Slurry BBI _____		
					Total Volume BBI _____		62.50

CUSTOMER REPRESENTATIVE Bill Tomlinson SIGNATURE _____