



INVOICE

DATE	INVOICE #
10/8/2014	5166

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
ALFALFA	10/7/2014	3781	LATSHAW 27	TERESA 3509 2-9H	Due on rec...

Description

DRILLED 90' OF 30" CONDUCTOR HOLE
 DRILLED 6' OF 76" HOLE
 FURNISHED AND SET 6' X 6' TINHORN CELLAR
 FURNISHED 90' OF 20" CONDUCTOR PIPE
 FURNISHED 20' MOUSE HOLE SHUCK
 FURNISHED MUD, WATER, AND TRUCKING
 FURNISHED WELDER AND MATERIALS
 FURNISHED 9 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE
 FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE
 FURNISHED GROUT PUMP
 DRILL MOUSE HOLE
 FURNISHED 75' OF 16" CONDUCTOR PIPE

TOTAL BID \$20,000.00

AFE Number: DC 14283
 Well Name: TERESA 3509 2-9H
 Code: 850.010
 Amount: \$20,284.02
 Co. Man: JOHN FORLEN
 Co. Man Sig: [Signature]
 Notes: _____

Sales Tax (6.5%)	\$284.02
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TOTAL	\$20,284.02
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JOB SUMMARY

PROJECT NUMBER SOK 4317		TICKET DATE 10/12/14	
COURTY Harper		COMPANY Kansas Bridge Exploration & Produc	
LEASE NAME Teresia 3509		CUSTOMER REP Jerry Bias	
Well No. 2-9H		JOB TYPE Surface	
EMP NAME 0			

0.00	0		
0.00			
0.00			
0.00			

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 688

Date	Called Out	On Location	Job Started	Job Completed
	10/11/2014	10/11/2014	10/12/2014	10/12/2014
Time	1200	1800	0230	0500

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	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	688	1,500
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole			12 1/4"	Surface	688	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

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

Date	Hours	Date	Hours	Description of Job
10/11		10/12		Surface
Total	0.0	Total	0.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures

MAX	1,500 PSI	AVG.	250
Average Rates in BPM			
MAX	6 BPM	AVG	4
Cement Left in Pipe			
Feet	45	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	215	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - 0.2% X-Air	11.11	2.01	12.40
2	165	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	H2O	Type:	Fresh Water
Breakdown	MAXIMUM	1,500 PSI	Pad:Bbl -Gal N/A
	Lost Returns-N	NO/FULL	Calc. Disp Bbl 50
	Actual TOC	SURFACE	Actual Disp. 52.00
Average	Bump Plug PSI:		Disp:Bbl
5 Min.	10 Min	15 Min	
		Final Circ. PSI:	
		Cement Slurry BBI	116.0
		Total Volume BBI	178.00

CUSTOMER REPRESENTATIVE

JOA

SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 4348	TICKET DATE 10/19/14
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Jerry Bias	
LEASE NAME Teresia 3509	Well No. 2-9H	JOB TYPE Intermediate	EMPLOYEE NAME Bryan Douglas	

EMP NAME	Bryan Douglas								
	Dustin Odom								
	Chris Looney								
	0.00								

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5707**

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

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33
Spacer type	GEL	BBL.	30
Spacer type		BBL.	8.33
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	
Other	

Date	Called Out	On Location	Job Started	Job Completed
	10/18/2014	10/18/2014	10/18/2014	10/19/2014
Time	1500	1800	2200	0100

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
Perforations					5,731
Perforations					Shots/Ft.
Perforations					

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
10/18	6.0	10/18	2.0	Intermediate
10/19	1.0	10/19	1.0	1 1/2 BBLs BACK
				FLOATS HELD
Total	7.0	Total	3.0	

Pressures	
MAX 5,000 PSI	AVG 1000
Average Rates in BPM	
MAX 8 BPM	AVG 5
Cement Left in Pipe	
Feet 88	Reason SHOE JOINT

Cement Data							
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal	
1	235	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.15% C-20 - 0.1% C-37 - 0.2% X-Air	6.93	1.43	13.60	
2	110	Premium	0.2% FL-17 - 0.1% C-51 - 0.15% C-20 - 0.2% X-Air	5.19	1.19	15.60	
3	0	0		0	0.00	0.00	0.00

Summary							
Preflush	30	Type:	Gel	Preflush:	BBI	30.00	Type: Gel Spacer
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 215
		Actual TOC	2.749	Calc. TOC:		2.749	Actual Disp. 215.22
Average		Bump Plug PSI:	1,800	Final Circ.	PSI:	1,200	Disp:Bbl 215.22
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBI	83.2	
				Total Volume	BBI	328.38	

CUSTOMER REPRESENTATIVE *JD Be* SIGNATURE _____