



INVOICE

DATE	INVOICE #
2/13/2014	4550

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
BARBER, KS	2/12/2014	3463	TOMCAT 2	REGGIE 3510 1-3	Due on rec...

Description
DRILLED 60' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 60' OF 20" CONDUCTOR PIPE FURNISHED 35' RAT HOLE SHUCK FURNISHED 25' MOUSE HOLE SHUCK FURNISHED WELDER AND MATERIALS FURNISHED 5 YARDS OF GRADE A CEMENT DRILL RAT AND MOUSE HOLES TOTAL BID \$10,850.00

Sales Tax (7.15%)	\$133.85
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TOTAL	\$10,983.85
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JOB SUMMARY			PROJECT NUMBER SOK 3537	TICKET DATE 03/22/14
COUNTY Barber	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Shane Morrison	
LEASE NAME Reggie 3510	Well No. 1-3	JOB TYPE Surface	EMPLOYEE NAME marcos quintana	

EMP NAME									
Marcos Quintana		0							
Wallace Berry									
David Thomas									
0.00									

Form. Name _____ Type: _____
 Packer Type _____ Set At 0
 Bottom Hole Temp. 80 Pressure _____
 Retainer Depth _____ Total Depth 800

Date	Called Out 3/22/2014	On Location 3/22/2014	Job Started 3/22/2014	Job Completed 3/22/2014
Time	0430	0900	1230	1430

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		36#	9 5/8"		Surface	800	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	800	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	resh Water BBL.	10	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	
3/22	4.0	3/22	2.0	Surface
Total	4.0	Total	2.0	

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

Pressures			
MAX	1,500 PSI	AVG.	200
Average Rates in BPM			
MAX	6 BPM	AVG	5
Cement Left in Pipe			
Feet	45	Reason	SHOE JOINT

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	245	TEX Lite Premium Plus 65 (6% Gel)	2% Calcium Chloride - 1/4pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	215	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	_____	Type:	FRESH WATER	Preflush:	BBI
Breakdown	_____	MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI
	_____	Lost Returns-N	NO/FULL	Excess /Return	BBI
	_____	Actual TOC	SURFACE	Calc. TOC:	_____
Average	_____	Bump Plug PSI:	NO	Final Circ.	PSI:
ISIF	5 Min. _____	10 Min _____	15 Min _____	Cement Slurry:	BBI
				Total Volume	BBI
					10.00
					N/A
					65
					SURFACE
					300
					140.0
					211.00

CUSTOMER REPRESENTATIVE *Shane Morrison* SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 3576	TICKET DATE 03/31/14
COUNTY Barber	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Shane	
LEASE NAME Reggie 3510	Well No. 1-3	JOB TYPE Intermediate	EMPLOYEE NAME Arthur Setzer	

EMP NAME	Arthur Setzer	0							
Jared Green									
Joseph Klemm									
Berrie Barkly									

Form. Name _____ Type: _____
 Packer Type _____ Set At _____ 0 _____
 Bottom Hole Temp. _____ 140 _____ Pressure _____
 Retainer Depth _____ Total Depth _____ 5,500' _____

Date	Called Out 3/30/2014	On Location 3/31/2014	Job Started 3/31/2014	Job Completed 3/31/2014
Time	2000	0100	0350	0700

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	26#	7"		Surface	5,515	5,000
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole		8 3/4"		Surface	5,500'	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.		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	Intermediate
3/31	6.0	3/31	3.0	
Total	6.0	Total	3.0	

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

Pressures		
MAX	5,000 PSI	AVG. 950
Average Rates in BPM		
MAX	8 BPM	AVG 6
Cement Left in Pipe		
Feet	44	Reason SHOE JOINT

Cement Data							
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal	
1	360	O-Tex Lite Premium 65/35	(Class H) - 6% Gel - 0.2% FL-17 - 0.1% C-20 - 0.4% C-41P - 1/4 pps Celloflake	10.48	1.87	12.40	
2	250	Premium Plus (Class C)	0.2% FL-17 - 0.3% C-20 - 0.4% C-41P - 1/4 pps Celloflake	6.32	1.33	14.80	
3	0	0		0	0.00	0.00	0.00

Summary							
Preflush Breakdown	10	Type: _____	Preflush: BBI	30.00	Type: _____	Gel Spacer	
		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal	N/A	
		Lost Returns-#	Excess /Return BBI	N/A	Calc. Disp Bbl	210	
		Actual TOC	Calc. TOC:	surface	Actual Disp.	210.00	
Average		Bump Plug PSI:	Final Circ. PSI:	950	Disp:Bbl	210.00	
ISIP	5 Min.	10 Min.	Cement Slurry BBI	176.0			
		15 Min.	Total Volume BBI	418.00			

CUSTOMER REPRESENTATIVE Shane M SIGNATURE