



INVOICE

DATE	INVOICE #
3/7/2014	4600

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
HARPER, KS	3/6/2014	3506	LARIAT 45	HENRY 3306 2-2H	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 WELDER AND MATERIALS FURNISHED 9 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE DRILL MOUSE HOLE FURNISHED 80' OF 16" CONDUCTOR PIPE TOTAL BID \$17,668.02	

Sales Tax (6.15%)	\$168.02
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TOTAL	\$17,668.02
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JOB SUMMARY			PROJECT NUMBER SOK 3495	TICKET DATE 03/11/14
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Claude Hallmark	
LEASE NAME Henry 3306	Well No. 2-2H	JOB TYPE Surface	EMPLOYEE NAME marcos quintana	

EMP NAME					
marcos quintana		0			
Jared Green					
david s					
0.00					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **700'**

	Called Out	On Location	Job Started	Job Completed
Date	3/11/2014	3/11/2014	3/11/2014	3/11/2014
Time	1136	1430	1750	1910

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	Max. Allow
Casing		36#	9"		Surface	700'	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	700'	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 Wate	BBL.	10
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	
3/11	2.0	3/11	2.0	Surface
Total	2.0	Total	2.0	

Perpac Balls _____ Qty. _____

Other _____

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	46	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	190	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	130	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps 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	10.00	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:	600	Final Circ.	PSI:
ISIP	5 Min.	10 Min.		Cement Slurry:	BBI
		15 Min.		Total Volume	BBI
					158.58

CUSTOMER REPRESENTATIVE Bill Jordan SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 3523	TICKET DATE 03/18/14
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Bill Torbett	
LEASE NAME Henry 3306	Well No. 2-2H	JOB TYPE Intermediate	EMPLOYEE NAME John Hall	

EMP NAME					
John Hall		0			
Joseph Klemm					
Roy Morris					
0.00					

Form. Name _____ Type: _____
 Packer Type _____ Set At 3,685'
 Bottom Hole Temp. 140 Pressure _____
 Retainer Depth _____ Total Depth 5,127'

Date	Called Out 3/18/2014	On Location 3/18/2014	Job Started 3/18/2014	Job Completed 3/18/2014
Time	530am	800am	1000am	1230pm

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/4"		Surface	5,127'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	GEL BBL.	30	10.00
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			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/18	4.5	3/18	2.5	Intermediate
Total	4.5	Total	2.5	

Pressures		
MAX	5,000 PSI	AVG.
Average Rates in BPM		
MAX	8 BPM	AVG
Cement Left in Pipe		
Feet	86	Reason SHOE JOINT

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	240	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.2% C-20 - 0.1% C-37 - 0.4% C-41P	6.93	1.43	13.60
2	100	Premium	0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.19	1.19	15.60
3	0	0		0.00	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	Preflush: BBI	30.00	Type: Gel Spacer	
	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	193
	Actual TOC 2,176	Calc. TOC:	2,176	Actual Disp.	192.50
Average	Bump Plug PSI: 1,600	Final Circ. PSI:	1,100	Disp:Bbl	192.50
IFIP	5 Min. 10 Min. 15 Min	Cement Slurry BBI	82.2		
		Total Volume BBI	304.70		

CUSTOMER REPRESENTATIVE _____ *Bill Torbett* SIGNATURE