



INVOICE

DATE	INVOICE #
6/9/2014	4843

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	6/6/2014	3674	LARIAT 40	ROSE 3408 2-31H	Due on rec...

Description	
DRILLED 120' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 120' OF 30" CONDUCTOR PIPE FURNISHED MUD, WATER, AND TRUCKING FURNISHED WELDER AND MATERIALS FURNISHED 12 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 80' OF 16" CONDUCTOR PIPE TOTAL BID \$24,250.00	

Sales Tax (6.15%)	\$306.39
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TOTAL	\$24,556.39
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JOB SUMMARY			PROJECT NUMBER SOK 3850	TICKET DATE 06/17/14
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Jackie Kennedy	
LEASE NAME Rose 3408	Well No. 2-31H	JOB TYPE Surface	EMPLOYEE NAME MARCOS QUINTANA	

EMP NAME					
Marcos Quintana		0			
Wallace Berry					
David Settlemier					
David Thomas					

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

Date	Called Out 6/16/2014	On Location 6/17/2014	Job Started 6/17/2014	Job Completed 6/17/2014
Time	2300	0400	1550	1650

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	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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/17	11.0	6/17	1.0	Surface
Total	11.0	Total	1.0	

Pressures			
MAX	1,500 PSI	AVG.	50 psi
Average Rates in BPM			
MAX	6 BPM	AVG	5
Cement Left in Pipe			
Feet	44	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	195	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	195	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 Breakdown		Type: _____	Preflush: BBI	10.00	Type: Fresh Water		
		MAXIMUM	1,500 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBI	56	Calc. Disp Bbl	57
		Actual TOC	SURFACE	Calc. TOC:	SURFACE	Actual Disp.	57.00
Average		Bump Plug PSI:	600	Final Circ. PSI:	100	Disp:Bbl	
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry: BBI	116.0		
				Total Volume BBI	183.00		

CUSTOMER REPRESENTATIVE Bill Tumbler SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 3887	TICKET DATE 06/27/14
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Jackie Kennedy	
LEASE NAME Rose 3408	Well No. 2-31H	JOB TYPE Intermediate	EMPLOYEE NAME Mike Hall	

EMP NAME					
Mike Hall		0			
Cheryl Newton					
Vontray Watkins					
Ron Derry					

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **155** Pressure _____
 Retainer Depth _____ Total Depth **5445**

Date	Called Out 6/27/2014	On Location 6/27/2014	Job Started 6/27/2014	Job Completed 6/27/2014
Time		03:00	10:25	13:00

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		26#	7"	Surface		5,000
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 1/2"	Surface	5,470'	Shots/Ft.
Perforations						
Perforations						
Perforations						

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

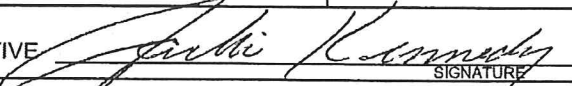
Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/27	10.0	6/27	1.0	Intermediate
Total	10.0	Total	1.0	

Pressures		
MAX	5,000 PSI	AVG. 400
Average Rates in BPM		
MAX	8 BPM	AVG 5
Cement Left in Pipe		
Feet	44	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	215	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	0.00	0.00

Summary							
Preflush	10	Type:	Caustic	Preflush:	BBI	30.00	Type:
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI	N/A	Gel Spacer
		Lost Returns-#	NO/FULL	Excess /Return	BBI	N/A	Pad:Bbl -Gal
		Actual TOC	2,674	Calc. TOC:		2,674	Calc. Disp Bbl
Average		Bump Plug PSI:	1,200	Final Circ.	PSI:	750	Actual Disp.
ISIF	5 Min.	10 Min	15 Min	Cement Slurry	BBI	76.0	Disp:Bbl
				Total Volume	BBI	313.00	207.00

CUSTOMER REPRESENTATIVE  SIGNATURE