



INVOICE

DATE	INVOICE #
3/10/2014	4607

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	3/8/2014	3508	LATSHAW 27	MARIE 3306 2-26H	Due on rec...

Description
DRILLED 80' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 80' OF 20" CONDUCTOR PIPE FURNISHED WELDER AND MATERIALS FURNISHED 8 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE DRILL MOUSE HOLE FURNISHED 75' OF 16" CONDUCTOR PIPE TOTAL BID \$17,000.00

Sales Tax (6.15%)	\$154.80
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TOTAL	\$17,154.80
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JOB SUMMARY			PROJECT NUMBER SOK 3582	TICKET DATE 04/04/14
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Vince Brown	
LEASE NAME Marie 3306	Well No. 2-26H	JOB TYPE Intermediate	EMPLOYEE NAME LOUIS ARNEY	

EMP NAME					
Louis Arney		0			
Vontray Watkins					
Randall Irvin					
Ron Derry					

Form. Name _____ Type: _____

Packer Type _____ Set At 2,200'

Bottom Hole Temp. 145 Pressure _____

Retainer Depth _____ Total Depth 5200'

	Called Out	On Location	Job Started	Job Completed
Date	<u>4/3/2014</u>	<u>4/4/2014</u>	<u>4/4/2014</u>	<u>4/4/2014</u>
Time	<u>2200</u>	<u>0800</u>	<u>0933</u>	<u>1200</u>

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 3/4"		Surface	5,254'
Perforations						Shots/Ft.
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	
4/4	4.0	4/4	1.5	Intermediate
Total	4.0	Total	1.5	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Pressures	
MAX 5,000 PSI	AVG. 600
Average Rates in BPM	
MAX 8 BPM	AVG 5
Cement Left in Pipe	
Feet 86	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	240	50/50 POZ PREMIUM	4% Gal - 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	<u>10</u>	Type: _____	Preflush: BBI <u>30.00</u> Type: Gel Spacer
Breakdown		MAXIMUM <u>5,000 PSI</u>	Load & Bkdn: Gal - BBI <u>N/A</u> Pad:Bbl -Gal <u>N/A</u>
		Lost Returns- <u>NO/FULL</u>	Excess /Return BBI <u>N/A</u> Calc.Disp Bbl <u>196</u>
		Actual TOC _____	Calc. TOC: <u>3,100</u> Actual Disp. <u>195.00</u>
Average		Bump Plug PSI: <u>1,200</u>	Final Circ. PSI: <u>830</u> Disp:Bbl _____
ISIP	<u>5 Min.</u>	10 Min _____	Cement Slurry BBI <u>82.0</u>
		15 Min _____	Total Volume BBI <u>307.00</u>

CUSTOMER REPRESENTATIVE JOB SIGNATURE _____