



INVOICE

DATE	INVOICE #
3/31/2014	4658

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
SUMNER, KS	3/26/2014	3538	LARIAT 45	FORESTOR 3203 1-8H	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 MUD, WATER, AND TRUCKING FURNISHED WELDER AND MATERIALS FURNISHED 6 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 \$17,000.00

Sales Tax (6.65%)	\$151.75
--------------------------	----------

TOTAL	\$17,151.75
--------------	-------------

JOB SUMMARY			PROJECT NUMBER SOK 3565	TICKET DATE 03/30/14
COUNTY Sumner	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Claude Hallmark	
LEASE NAME Forster 3203	Well No. 1-8H	JOB TYPE Surface	EMPLOYEE NAME Arthur Setzer	

EMP NAME					
Arthur Setzer		0			
Jared Green					
David Settlemier					
Berrle Barkley					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **300'**

	Called Out	On Location	Job Started	Job Completed
Date	3/30/2014	3/30/2014	3/30/2014	3/30/2014
Time	1100	1500	1830	2000

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		54.5#	13 3/8"	Surface	300'	1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			17 1/2"	Surface	300'	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		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/30	5.0	3/30	2.0	Surface
Total	5.0	Total	2.0	

Perfpac Balls	Qty.
Other	
Other	
Other	
Other	

Pressures	
MAX	1,500 PSI
AVG.	70
Average Rates in BPM	
MAX	6 BPM
AVG	5
Cement Left in Pipe	
Feet	45
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	175	D-Tex Lite 65:35:6 (Class C)	6% Total Gel - 2% Calcium Chloride - 0.4% C-41P - 1/4pps Cello-Flake	11.11	2.01	12.40
2	145	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: _____	MAXIMUM _____	1,500 PSI	Preflush: BBI _____	10.00
	Lost Returns: _____	NO/FULL		Load & Bkdn: Gal - BBI _____	N/A
	Actual TOC _____	SURFACE		Excess /Return BBI _____	40
Average	Bump Plug PSI: _____	700		Calc. TOC: _____	SURFACE
ISIP _____ 5 Min.	10 Min _____	15 Min _____		Final Circ. PSI: _____	70
				Cement Slurry BBI _____	96.0
				Total Volume BBI _____	140.00

CUSTOMER REPRESENTATIVE *Claude Hallmark* SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 3597	TICKET DATE 04/07/14
COUNTY Sumner	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Bill Torbett	
LEASE NAME Forster 3203	Well No. 1-8H	JOB TYPE Intermediate	EMPLOYEE NAME Arthur Setzer	

EMP NAME	Arthur Setzer	0							
	Jared Green								
	David Settlemier								
	David Thomas								

Form. Name _____ Type: _____

Packer Type _____ Set At _____ 0 _____

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 4900

	Called Out	On Location	Job Started	Job Completed
Date	4/7/2014	4/7/2014	4/7/2014	4/7/2014
Time	0100	0900	0935	1130

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	
Casing		26#	7"		Surface
Liner					4,856
Liner					5,000
Tubing			0		
Drill Pipe					
Open Hole			8 1/2"	Surface	4,900
Perforations					Shots/Ft.
Perforations					
Perforations					

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	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	
4/7	2.5	4/7	2.5	Intermediate
Total	2.5	Total	2.5	

MAX 5,000 PSI		Pressures AVG. 650	
MAX 8 BPM		Average Rates in BPM AVG 7	
Feet 43		Cement Left in Pipe Reason SHOE JOINT	

Cement Data							
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal	
1	250	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 Breakdown	10	Type: MAXIMUM	5,000 PSI	Preflush: BBI	30.00	Type: Gel Spacer	
		Lost Returns	NO/FULL	Load & Bkdn: Gal - BBI	N/A	Pad: Bbl - Gal	N/A
		Actual TOC		Excess /Return BBI	N/A	Calc. Disp Bbl	186
Average		Bump Plug PSI:		Calc. TOC:	1.748	Actual Disp.	186.00
ISIP	5 Min.	10 Min	15 Min	Final Circ. PSI:	650	Disp: Bbl	186.00
				Cement Slurry BBI	84.0		
				Total Volume BBI	300.00		

CUSTOMER REPRESENTATIVE Bill Torbett SIGNATURE