



INVOICE

DATE	INVOICE #
8/20/2013	4165

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	8/19/2013	3238	UNIT 9	MYRA 3406 3-8 H	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 11 YARDS OF GRADE A CEMENT DRILL MOUSE HOLE FURNISHED 80' OF 14" CONDUCTOR PIPE FOR MOUSE HOLE TOTAL BID \$ 17,000.00 AFE Number: <u>DC12032</u> Well Name: <u>Myra 3406 3-8 H</u> Code: <u>850.010</u> Amount: <u>17,000.00</u> Co. Man: <u>[Signature]</u> Co. Man Sig: <u>[Signature]</u> Notes: _____	
Sales Tax (0.0%)	\$0.00

TOTAL	\$17,000.00
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JOB SUMMARY			PROJECT NUMBER SOK 2978	TICKET DATE 08/23/13
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Dwayne Burt	
LEASE NAME Myra 3406	Well No. 3-8H	JOB TYPE Surface	EMPLOYEE NAME John Hall	

EMP NAME	John Hall	0					
	Rocky Anthis						
	Joseph Klemm						
	Roy Morris						

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	8/23/2013	8/23/2013	8/23/2013	8/23/2013
Time	600	800	1130	1300

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			From	To	Max. Allow
New/Used	Weight	Size	Grade		
Casing	36#	9 5/8"	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	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.	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	
8/23	5.0	8/23	1.0	Surface
Total	5.0	Total	1.0	

Pressures		
MAX	1,500 PSI	AVG.
Average Rates in BPM		
MAX	5 BPM	AVG.
Cement Left in Pipe		
Feet	47	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	260	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	150	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 _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average	5 Min. _____	10 Min. _____	15 Min. _____	Final Circ. _____	Cement Slurry: _____
				Total Volume _____	BBI _____
					10.00
					N/A
					50
					SURFACE
					400
					120.4
					180.60

CUSTOMER REPRESENTATIVE _____

Dwayne Burt
SIGNATURE

JOB SUMMARY			PROJECT NUMBER	TICKET DATE
			SOK 2993	08/29/13
COUNTY	State	COMPANY	CUSTOMER REP	
Harper	Kansas	Sandridge Exploration & Production	Dwayne Burt	
LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME	
Myra 3406	3-8H	Intermediate	John Hall	

EMP NAME	John Hall	Brett Armer			
	Rocky Anthis				
	Joseph Klemm				
	Roy Morris				

Form. Name _____ Type: _____
 Packer Type _____ Set At _____ 0
 Bottom Hole Temp. 155 Pressure _____
 Retainer Depth _____ Total Depth 5315

Date	Called Out 8/29/2013	On Location 8/29/2013	Job Started 8/29/2013	Job Completed 8/29/2013
Time	030	300	600	800

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		26#	7"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/4"		Surface	5,340	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	WBM	Density	9	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal
Spacer type	BBL.			
Spacer type	Barite	BBL.	15	10.00
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	
8/29	5.0	8/29	2.0	Intermediate
Total	5.0	Total	2.0	

Pressures

MAX	5,000 PSI	AVG.
Average Rates in BPM		
MAX	8 BPM	AVG
Cement Left in Pipe		
Feet	80	Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	230	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary

Preflush	_____ Type: _____	Preflush:	BBI	_____ 15.00	Type: 10ppg Barite Spacer
Breakdown	_____	MAXIMUM	5,000 PSI	_____	Pad: Bbl - Gal _____
	_____	Lost Returns-N	NO/FULL	_____	Calc. Disp Bbl _____
	_____	Actual TOC	2.468	_____	Actual Disp. _____
Average	_____	Bump Plug PSI:	1,000	_____	Disp: Bbl _____
ISIF _____ 5 Min.	_____	10 Min	15 Min	_____	_____
				Final Circ. PSI:	1,000
				Cement Slurry: BBI	79.9
				Total Volume	BBI 295.50

CUSTOMER REPRESENTATIVE _____ *Dwayne Burt* SIGNATURE