



INVOICE

DATE	INVOICE #
8/31/2013	4185

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	8/30/2013	3258	UNIT 9	DAVID 3306 1-23H	Due on rec...

Description
DRILLED 78' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 78' OF 20" CONDUCTOR PIPE FURNISHED 1 (LOADS) MUD FURNISHED WELDER AND MATERIALS FURNISHED 9 YARDS OF GRADE A CEMENT FURNISHED GROUT PUMP DRILL MOUSE HOLE FURNISHED 80' OF 14" CONDUCTOR PIPE FOR MOUSE HOLE TOTAL BID \$ 16,250.00
AFE Number: <u>13062</u> Well Name: <u>David 123H</u> Code: <u>550-010</u> Amount: <u>15,402.90</u> Co. Man: <u>Edwin Taylor</u> Co. Man Sig: <u>[Signature]</u> Notes: _____

Sales Tax (6.15%)	\$152.40
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TOTAL	\$16,402.40
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JOB SUMMARY			PROJECT NUMBER SOK 3019	TICKET DATE 09/08/13
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Quincy Loven	
LEASE NAME David 3306	Well No. 1-23H	JOB TYPE Surface	EMPLOYEE NAME Robert Burris	

EMP NAME					
Robert Burris		0			
Mike Hall					
Cheryl Newton					
Bryan Douglas					

Form. Name _____ Type: _____
 Packer Type _____ Set At _____ 0
 Bottom Hole Temp. _____ 80 Pressure _____
 Retainer Depth _____ Total Depth _____ 642

	Called Out	On Location	Job Started	Job Completed
Date	9/7/2013	9/7/2013	9/7/2013	9/7/2013
Time	16:30	17:00	23:45	01:30

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
Casing		36#	9 1/2"		Surface	646
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	642
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.	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	
9/7	7.0	9/7	1.0	Surface
Total	7.0	Total	1.0	

Pressures	
MAX	1,500 PSI
AVG.	200
Average Rates in BPM	
MAX	6 BPM
AVG.	4
Cement Left in Pipe	
Feet	45
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	250	EX Lite Premium Plus 65 (6% Gel)	2% Calcium Chloride - 1/2pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	140	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80
3	0	0		0.00	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average	5 Min. _____	10 Min. _____	15 Min. _____	Final Circ. PSI: _____	Cement Slurry: BBI _____
				Total Volume BBI _____	
				10.00	Type: Fresh Water
				N/A	Pad:Bbl -Gal _____
				46	Calc. Disp Bbl _____
				SURFACE	Actual Disp. _____
				350	Disp:Bbl _____
				115.0	
				171.00	

CUSTOMER REPRESENTATIVE _____

 SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 3036	TICKET DATE 09/15/13
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Dwayne Burt	
LEASE NAME David 3306	Well No. 1-23H	JOB TYPE Intermediate	EMPLOYEE NAME Arthur Setzer	

EMP NAME	Arthur Setzer	0							
	Jared Green								
	Robert Stonehocker								
	Brian Douglas								

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **0**

Date	Called Out 9/14/2013	On Location 9/15/2013	Job Started 9/15/2013	Job Completed 9/15/2013
Time	2000	0100	0800	1000

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		26#	7"		Surface	5,147	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/2"		Surface	0	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 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	
9/15	9.0	9/15	2.0	Intermediate
Total	9.0	Total	2.0	

Pressures	
MAX	5,000 PSI
AVG.	1600
Average Rates in BPM	
MAX	8 BPM
AVG	5
Cement Left in Pipe	
Feet	87
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	10	Type:	Caustic	Preflush:	BBI
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI
		Lost Returns-N	NO/FULL	Excess /Return	BBI
		Actual TOC		Calc. TOC:	
Average		Bump Plug PSI:		Final Circ.	PSI:
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI
				Total Volume	BBI
					294.00

CUSTOMER REPRESENTATIVE *Dwayne Burt* SIGNATURE