



**INVOICE**

DATE	INVOICE #
9/11/2014	5092

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
HARPER, KS	9/9/2014	3981	LATSHAW #27	JENNIFER 3408 6-34H	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 MUD, WATER, AND TRUCKING  
 FURNISHED WELDER AND MATERIALS  
 FURNISHED 8 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 85' OF 16" CONDUCTOR PIPE

TOTAL BID \$20,150.00

<b>Sales Tax (6.5%)</b>	\$172.06
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<b>TOTAL</b>	\$20,322.06
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# JOB SUMMARY

COUNTRY		State		PROJECT NUMBER	TICKET DATE
Harper		Kansas		SOK 4233	09/23/14
LEASE NAME		Well No.		COMPANY	CUSTOMER REP
Jennifer 3408		6-34H		Bridge Exploration & Produc	Jerry Bias
EMP NAME		JOB TYPE		EMPLOYEE NAME	
Brett Armer		Surface		Brett Armer	

Brett Armer	0				
Cheryl Newton					
Flo Helkena					
0.00					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At 0

Bottom Hole Temp. 80 Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth 655

Date	Called Out	On Location	Job Started	Job Completed
	9/22/2014	9/22/2014	9/23/2014	9/23/2014
Time	1430	1800	0200	0300

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 5/8"		Surface	655
Liner					
Liner					
Tubing		0			
Drill Pipe					
Open Hole		12 1/2"		Surface	650
Perforations					Shots/Ft.
Perforations					
Perforations					

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Fresh Water BBL.	10	8.33
Spacer type	BBL.		
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		ln
NE Agent	Gal.		ln
Fluid Loss	Gal/Lb		ln
Gelling Agent	Gal/Lb		ln
Fric. Red.	Gal/Lb		ln
MISC.	Gal/Lb		ln

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/22	6.0	9/23	1.0	Surface
9/23	4.5			
Total	10.5	Total	1.0	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

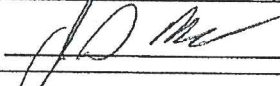
Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX 1,500 PSI	AVG _____
Average Rates in BPM	
MAX 6 BPM	AVG _____
Cement Left in Pipe	
Feet 40	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	215	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - 0.2% X-Air	11.11	2.01	12.40
2	165	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM 1,500 PSI	Preflush: BBI 10.00	Type: Fresh Water	
	Lost Returns-N	NO/FULL	Load & Bkdn: Gal - BBI N/A	Pad:Bbl -Gal	N/A
	Actual TOC	SURFACE	Excess /Return BBI 50	Calc.Disp Bbl	48
Average	Bump Plug PSI:		Calc. TOC: SURFACE	Actual Disp.	48.00
SIP 5 Min.	10 Min.	15 Min.	Final Circ. PSI: 250	Disp:Bbl	48.00
			Cement Slurry: BBI 116.0		
			Total Volume BBI 174.00		

CUSTOMER REPRESENTATIVE  SIGNATURE



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 4264</b>	TICKET DATE <b>09/29/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Vince Brown</b>	
LEASE NAME <b>Jennifer 3408</b>	Well No. <b>6-34H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Brett Armer</b>	

EMP NAME	<b>Brett Armer</b>	<b>James Derry</b>			
	<b>Cody Bonitz</b>				
	<b>Chris Looney</b>				
	<b>Flo Helkena</b>				

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **0**

Bottom Hole Temp. **155** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **5553**

Date	Called Out	On Location	Job Started	Job Completed
	<b>9/29/2014</b>	<b>9/29/2014</b>	<b>9/29/2014</b>	<b>9/29/2014</b>
Time	<b>1000</b>	<b>1300</b>	<b>1722</b>	<b>1840</b>

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
Casing		26#	7"		Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 1/2"		Surface	5,553
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	resh Wate BBL.	20	8.33
Spacer type	Caustic BBL.	10	8.40
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	ln	
NE Agent	Gal.	ln	
Fluid Loss	Gal/Lb	ln	
Gelling Agent	Gal/Lb	ln	
Fric. Red.	Gal/Lb	ln	
MISC.	Gal/Lb	ln	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/29	7.0	9/29	1.5	Intermediate
Total	7.0	Total	1.5	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures			
MAX	5,000 PSI	AVG	500
Average Rates in BPM			
MAX	8 BPM	AVG	6
Cement Left in Pipe			
Feet	45	Reason	SHOE JOINT

Cement Data								
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal		
1	230	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.15% C-20 - 0.1% C-37 - 0.2% X-Air	6.93	1.43	13.60		
2	105	Premium	0.2% FL-17 - 0.1% C-51 - 0.15% C-20 - 0.2% X-Air	5.19	1.19	15.60		
3	0	0		0	0.00	0.00		

Summary							
Preflush	<b>10</b>	Type: <b>Caustic</b>	Preflush: BBI	<b>30.00</b>	Type: <b>Gel Spacer</b>		
Breakdown		<b>MAXIMUM</b>	Load & Bkdn: Gal - BBI	<b>N/A</b>	Pad: Bbl - Gal	<b>N/A</b>	
		<b>Lost Returns-N</b>	Excess /Return BBI	<b>N/A</b>	Calc. Disp Bbl	<b>212</b>	
		<b>Actual TOC</b>	Calc. TOC:		Actual Disp.	<b>212.00</b>	
Average		<b>Bump Plug PSI:</b>	Final Circ. PSI:	<b>1,300</b>	Disp: Bbl	<b>212.00</b>	
ISIF	<b>5 Min.</b>	<b>10 Min.</b>	Cement Slurry: BBI	<b>80.0</b>			
		<b>15 Min.</b>	Total Volume BBI	<b>322.00</b>			

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_