



**INVOICE**

DATE	INVOICE #
4/9/2014	4693

<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	4/9/2014	3540	LARIAT 45	MARSHA 3306 2-11H	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 80' OF 16" CONDUCTOR PIPE FURNISH PLATE TO COVER WELL  TOTAL BID \$18,200.00

<b>Sales Tax (6.15%)</b>	\$158.79
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<b>TOTAL</b>	\$18,358.79
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<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3633</b>	TICKET DATE <b>04/18/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Bill Torbett</b>	
LEASE NAME <b>Marsha 3306</b>	Well No. <b>2-11H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME					
John Hall					
Joseph Klemm					
Roy Morris					
Randall Irvin					

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

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

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

Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_ 700

Date	Called Out <b>4/18/2014</b>	On Location <b>4/18/2014</b>	Job Started <b>4/18/2014</b>	Job Completed <b>4/18/2014</b>
Time	<b>700am</b>	<b>1000am</b>	<b>100pm</b>	<b>300pm</b>

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		36#	9"		Surface	700	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	700	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Mud Type	Fresh Water	8.33	8.33
Disp. Fluid	Fresh Water	10	8.33
Spacer type	BBL.		
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			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/18	5.0	4/18	2.0	Surface
Total	5.0	Total	2.0	

Pressures		
MAX	2,000 PSI	AVG.
Average Rates in BPM		
MAX	6 BPM	AVG.
Cement Left in Pipe		
Feet	46	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	190	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	140	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	10.00	Type: Fresh Water	Preflush: BBI	10.00	Type: Fresh Water
	N/A	Pad:Bbl -Gal	Load & Bkdn: Gal - BBI	N/A	N/A
	55	Calc. Disp Bbl	Excess /Return BBI	55	48
	SURFACE	Actual Disp.	Calc. TOC:	SURFACE	47.50
Average	300	Disp:Bbl	Final Circ. PSI:	300	47.50
15 Min.	100.9		Cement Slurry BBI	100.9	
	158.40		Total Volume BBI	158.40	

CUSTOMER REPRESENTATIVE Clay Jellin SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3656</b>	TICKET DATE <b>04/24/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Claude Hallmark</b>	
LEASE NAME <b>Marsha 3306</b>	Well No. <b>2-11H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME	<b>John Hall</b>				
<b>Joseph Klemm</b>					
<b>Roy Morris</b>					
<b>Randall Irvin</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **~5,316'**

Date	Called Out <b>4/24/2014</b>	On Location <b>4/24/2014</b>	Job Started <b>4/24/2014</b>	Job Completed <b>4/24/2014</b>
Time	<b>200am</b>	<b>400pm</b>	<b>600pm</b>	<b>830pm</b>

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/2"		Surface	~5,316'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
	WBM	Density	Lb/Gal
Mud Type	Fresh Water	8.33	
Disp. Fluid			
Spacer type	GEL BBL.	30	10.00
Spacer type	BBL.		
Acid Type			%
Acid Type			%
Surfactant			In
NE Agent			In
Fluid Loss			In
Gelling Agent			In
Fric. Red.			In
MISC.			In

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/24	4.5	4/24	2.5	Intermediate
Total	4.5	Total	2.5	

Pressures		
MAX	5,000 PSI	AVG.
Average Rates in BPM		
MAX	8 BPM	AVG
Cement Left in Pipe		
Feet	46	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		0.00	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	5,000 PSI	Preflush: BBI _____	30.00
	Lost Returns-N _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A
	Actual TOC _____			Excess /Return BBI _____	N/A
Average	Bump Plug PSI: _____	1,500		Calc. TOC: _____	2,022
5 Min.	10 Min _____	15 Min _____		Final Circ. PSI: _____	1,000
				Cement Slurry BBI _____	84.7
				Total Volume BBI _____	309.10
				Type: Gel Spacer	
				Pad:Bbl -Gal _____	N/A
				Calc.Disp Bbl _____	194
				Actual Disp. _____	194.40
				Disp:Bbl _____	194.40

CUSTOMER REPRESENTATIVE Claude Hallmark SIGNATURE