



**INVOICE**

DATE	INVOICE #
1/15/2014	4492

<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
BARBER, KS	1/10/2014	3437	TOMCAT 2	ALEXANDER 3114 1-1	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 5 YARDS OF GRADE A CEMENT DRILL RAT AND MOUSE HOLES  TOTAL BID \$10,250.00  AFE Number: _____ Well Name: <u>Alexander 3114 1-1</u> Code: <u>850030</u> Amount: <u>10,338.80</u> Co. Man: <u>Timothy F...</u> Co. Man Sig.: _____ Notes: _____

Sales Tax (7.15%)	\$88.80
-------------------	---------

<b>TOTAL</b>	\$10,338.80
--------------	-------------

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3368</b>	TICKET DATE <b>01/28/14</b>
COUNTY <b>Barber</b>	STATE <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Shane Morrison</b>	
LEASE NAME <b>Alexander 3114</b>	Well No. <b>1-1</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Nate Cotta</b>	

EMP NAME <b>Nate Cotta</b>	<b>Barry Barkley</b>				
<b>Jared Green</b>					
<b>David Settlemier</b>					
<b>Vontray Watkins</b>					

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

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

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

Retainer Depth \_\_\_\_\_ Total Depth 1055

Date	Called Out <b>1/27/2014</b>	On Location <b>1/27/2014</b>	Job Started <b>1/27/2014</b>	Job Completed <b>1/28/2014</b>
Time	<b>18:00</b>	<b>21:00</b>	<b>23:30</b>	<b>2:00</b>

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float V <sub>2</sub>	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	new	36#	9"		Surface	1,055
Liner						1,500
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	1,052
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	
1/27	3.0	1/27	0.5	Surface
1/28	2.0	1/28	2.0	
Total		Total		
5.0		2.5		

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures		
MAX	1050	AVG. 200
Average Rates in BPM		
MAX	5.2 BPM	AVG 4.5
Cement Left in Pipe		
Feet	47	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	WRq.	Yield	Lbs/Gal
1	245	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	11.11	2.01	12.40
2	215	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	*200	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary							
Preflush	_____	Type: _____	Preflush:	BBI	<u>10.00</u>	Type:	Fresh Water
Breakdown	_____	MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad: Bbl -Gal
	_____	Lost Returns-l	NO/FULL	Excess /Return	BBI	58	Calc. Disp Bbl
	_____	Actual TOC	SURFACE	Calc. TOC:		SURFACE	Actual Disp.
Average	_____	Bump Plug PSI:	1,050	Final Circ.	PSI:	450	Disp: Bbl
_____ 5 Min.	_____ 10 Min	_____ 15 Min		Cement Slurry	BBI	<u>138.2</u>	
				Total Volume	BBI	<u>226.10</u>	

CUSTOMER REPRESENTATIVE Shane Morrison SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3384</b>	TICKET DATE <b>02/04/14</b>
COUNTY <b>Barber</b>	STATE <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Shane Morrison</b>	
LEASE NAME <b>Alexander 3114</b>	Well No. <b>1-1</b>	JOB TYPE <b>Plug to Abandon</b>	EMPLOYEE NAME <b>John Hall</b>	

EMP NAME	John Hall	0				
	Joseph Klemm					
	Roy Morris					
	0.00					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At ~1,070'  
 Bottom Hole Temp. 95 Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth 0

Date	Called Out 2/3/2014	On Location 2/3/2014	Job Started 2/3/2014	Job Completed 2/4/2014
Time	330pm	600pm	800pm	500am

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		36#	9 1/2"		Surface	0	1,500
Liner							
Liner							
Tubing			4 1/2"				
Drill Pipe							
Open Hole			4" & 9 5/8" c		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	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 \_\_\_\_\_

Hours On Location

Date	Hours
2/3	6.0
2/4	5.0
Total	11.0

Operating Hours

Date	Hours
2/3	4.0
Total	4.0

Description of Job

Plug to Abandon

Pressures

MAX	2000 PSI	AVG.
Average Rates in BPM		
MAX	6 BPM	AVG.
Cement Left in Pipe		
Feet	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	250	TEX Lite Premium Plus 60	4% Gel	6.32	1.35	14.10
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary

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

CUSTOMER REPRESENTATIVE Bill Tomlin SIGNATURE