

# Koda Services, Inc.

# INVOICE

Conductor and Rat Hole Drilling, Landfill Gas Drilling and Well Construction Nationwide

Date	Invoice #
10/9/2012	10129

<b>Bill To</b>
Sandridge Energy Accounts Payable P O Box 1748 Oklahoma City, OK 73102

Legal Description	Ordered By	Terms	Field Ticket	Lease Name	Drill Rig
	Carl Miller	Net 30	7620	VC 3120 214H	Lariat 45

Item	Quantity	Description
Conductor	130	Drilled 130' of 32" hole for conductor
20" Pipe	130	Furnished 130' of 20" conductor pipe
Ream Hole		Ream Hole
72" X 6'	1	Furnished 6' X 6' tinhorn
Dirt Removal		Provided Labor and Equipment for dirt removal and cleanup
Mud/Water		Furnished Mud, Water, & Trucking
Welder		Welder
Grout		Furnished grout
Deliver Grout		Deliver grout to location
Equipment		Furnished Grout Pump & Flush
Mouse	80	Drilled 80' of 26" Mouse hole
16" pipe	80	Furnished 80' of 16" Mouse Hole Pipe
Cover Plate		Cover Plate

AFE Number: DC 12397  
 Well Name: VC 3120 2-1411  
 Code: 880-010  
 Amount: 27783.95  
 Co. Man: Claude Hallmark  
 Co. Man Sig.: Claude Hallmark  
 Notes: \_\_\_\_\_

Thank you for your business.	<b>Subtotal</b>	\$27,050.00
	<b>Sales Tax (6.3%)</b>	\$733.95
	<b>Total</b>	\$27,783.95

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 1921</b>	TICKET DATE <b>09/25/12</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Tommy Whitlow</b>	
LEASE NAME <b>VC</b>	Well No. <b>1120 2-14</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Robert Burris</b>	

EMP NAME					
Robert Burris		0			
Bryan Douglas					
David Thomas					
Jessie McClain					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **300**

Date	Called Out <b>9/26/2012</b>	On Location <b>9/25/2012</b>	Job Started <b>9/26/2012</b>	Job Completed <b>9/26/2012</b>
Time	<b>19:30</b>	<b>23:00</b>	<b>04:50</b>	<b>05:34</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		68#	13 3/8		Surface	327
Liner						1,500
Liner						
Tubing			0			
Drill Pipe						
Open Hole			17 1/2"		Surface	325
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
	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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/25	7.5	9/26	0.8	Surface
Total	7.5	Total	0.8	

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

Pressures	
MAX 1,500 PSI	AVG 225
Average Rates in BPM	
MAX 6 BPM	AVG 4
Cement Left in Pipe	
Feet 42	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	250	D-TEX Lite "Class C" 65/3	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	120	Class "C"	1% 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 _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average	5 Min. _____	10 Min. _____	15 Min. _____	Final Circ. PSI: _____	Cement Slurry: BBI _____
				Total Volume BBI	163.00
				Preflush: BBI	10.00
				Load & Bkdn: Gal - BBI	N/A
				Excess /Return BBI	
				Calc. TOC: _____	SURFACE
				Final Circ. PSI: _____	250
				Disp:Bbl	43.00
				Actual Disp.	43.00

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





<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 1984</b>	TICKET DATE <b>10/13/12</b>
COUNTY <b>Commanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Claude Hallmark</b>	
LEASE NAME <b>VC</b>	Well No. <b>1120 2-14</b>	JOB TYPE <b>Liner</b>	EMPLOYEE NAME <b>Robert Burris</b>	

EMP NAME	Robert Burris	Frank Reeves				
Jessie McClain						
Billy Taff						
Rocky Anthis						

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

Packer Type \_\_\_\_\_ Set At **5,534**

Bottom Hole Temp. **150** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **9432**

Date	Called Out <b>10/13/2012</b>	On Location <b>10/13/2012</b>	Job Started <b>10/13/2012</b>	Job Completed <b>10/13/2012</b>
Time	<b>11:30</b>	<b>15:00</b>	<b>20:10</b>	<b>21:24</b>

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	<b>Weatherford</b>
Insert Float Val	0	
Centralizers	0	
Top Plug	0	
HEAD	0	
Limit clamp	0	
Weld-A	0	
Texas Pattern Guide Shoe	0	
Cement Basket	0	

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4	1/2	5084	9,432	
Liner Tool					5,065	5,084	
HWDP					3,682	5,065	
Drill Pipe			3	1/2"	Surface	3,682	
Drill Collars							
Open Hole			6	1/8"	Surface	9,432	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	WBM	Density	9.1	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal
Spacer type	Gel	BB	30	8.59
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	Date	Hours	Description of Job
10/13	7.5	10/13	1.2	Liner
Total	7.5	Total	1.2	

Pressures

MAX	5000 PSI	AVG	875
Average Rates in BPM			
MAX	6 BPM	AVG	4
Cement Left In Pipe			
Feet	88	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	450	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal	6.77	1.44	13.60
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary

Preflush	30.00	Type:	8.59#SPACER
Breakdown	MAXIMUM 3,500 PSI	Load & Bkdn:	Gal - BBI
	Lost Returns-N	Excess /Return	BBI
	Actual TOC	Calc. TOC:	5,304
Average	Bump Plug PSI: 1,300	Final Circ. PSI:	750
ISIP	5 Min. 10 Min. 15 Min.	Cement Slurry: BBI	115.4
		Total Volume	BBI 257.40

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