



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1212078  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1212078

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing     Pumping     Gas Lift     Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Duke SWD 3404 1-8
Doc ID	1212078

Tops

Name	Top	Datum
Base Heebner	3015	-1759
Lansing	3334	-2078
Cottage Grove	3685	-2429
Swope	3838	-2582
Marmaton	4019	-2763
Oswego	4034	-2778
Pawnee	4110	-2854
Cherokee	4166	-2910
Verdigris	4193	-2937
Mississippian Unconformity	4400	-3144
Kinderhook	4750	-3494
Woodford	4802	-3546
Simpson	4828	-3572
Simpson Shale	4917	-3661
Oil Creek	4989	-3733
Arbuckle	5010	-3754



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3784</b>	TICKET DATE <b>05/30/14</b>
COUNTY <b>Sumner</b>	STATE <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>0</b>	
LEASE NAME <b>Duke SWD</b>	Well No. <b>3404 1-8</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>ROBERT BURRIS</b>	

EMP NAME <b>Robert Burris</b>	<b>0</b>				
<b>0.00</b>					
<b>Cheryl Newton</b>					
<b>DUSTIN ODOM</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **526**

Date	Called Out <b>5/30/2014</b>	On Location <b>5/30/2014</b>	Job Started <b>5/30/2014</b>	Job Completed <b>5/30/2014</b>
Time	<b>10:00</b>	<b>12:00</b>	<b>20:31</b>	<b>22:00</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		24#	8"		Surface	530	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	526	Shots/Ft.
Perforations							
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.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	

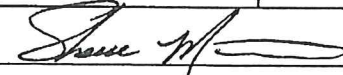
Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/30	10.0	5/30	0.7	Surface
Total	10.0	Total	0.7	

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

Pressures		
MAX	1,500 PSI	AVG. 225 PSI
Average Rates in BPM		
MAX	6 BPM	AVG 4 BPM
Cement Left in Pipe		
Feet	47 FT	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	150	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	205	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	_____	Type: _____	Preflush: BBI	_____	Type: Fresh Water
	_____	MAXIMUM	1,500 PSI	Load & Bkdn: Gal - BBI	_____
	_____	Lost Returns-N	NO/FULL	Excess /Return BBI	_____
	_____	Actual TOC	SURFACE	Calc. TOC:	_____
Average	_____	Bump Plug PSI:	1,050	Final Circ. PSI:	_____
ISIP _____ 5 Min.	_____	10 Min	15 Min	Cement Slurry BBI	_____
				Total Volume BBI	143.00

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

# Job Data Sheet



COMPANY <b>Sandridge Exploration &amp; Production</b>				PROJECT NUMBER <b>SOK 3784</b>		AFEW/WORK ORDER <b>DC13815</b>		DATE <b>5/30/2014</b>				
CONTRACTOR <b>Tomcat #3</b>				Owner <b>Same</b>		LEGAL DESCRIPTION <b>8/34S/4W</b>		API <b>15-191-22729-00-00</b>				
LEASE & WELL # <b>Duke SWD 3404 1-8</b>				COUNTY <b>Sumner</b>		STATE <b>Kansas</b>		MILEAGE <b>100</b>				
DIRECTIONS <b>BLUFF CITY, KS - 2 MI. NORTH TO W. 130TH ST. - 5.25 MI. EAST ON W. 130TH ST. (SW CORNER)</b>												
Pumping Services	<input checked="" type="checkbox"/> Surface			<input type="checkbox"/> Intermediate			<input type="checkbox"/> Long String			<input type="checkbox"/> Plug Back		
	<input type="checkbox"/> Squeeze			<input type="checkbox"/> Acid			<input type="checkbox"/> PTA			<input type="checkbox"/> Other		
										( ) H2S		
	Casing Size	Casing Weight	Thread	Tbng/DP Size	Thread	Plug. Cont.	Swage	Top Plug	Bottom Plug	% Excess		
	<b>8 1/2"</b>	<b>24#</b>	<b>STC</b>			<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>NO</b>	<b>150%</b>		
Number and Type Units							Casing Depth	Hole Depth	Hole Size			
<b>Pump Truck &amp; Bulk Materials</b>							<b>550'</b>	<b>550'</b>	<b>12 1/4"</b>			
Remarks							Est. BHST	Tubing Depth	Depth-TVD	Mud Weight/Type		
							<b>80°</b>					
Materials	LEAD	# of Sacks	Type	Additives								
	53.70	<b>150</b>	O-TEX Lite Premium Plus 66/35	<b>(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .4% C-41P</b>								
	H2O TO MIX	Weight PPG	Yield Ft3/Sk								Water Gal/Sk	
	39.68	<b>12.40</b>	<b>2.01</b>	<b>11.11</b>								
	TAIL	# of Sacks	Type	Additives								
	48.19	<b>205</b>	Premium Plus (Class C)	<b>2% Calcium Chloride - 1/4pps Cello-Flake</b>								
	H2O TO MIX	Weight PPG	Yield Ft3/Sk								Water Gal/Sk	
	30.85	<b>14.80</b>	<b>1.32</b>	<b>6.32</b>								
	TOP OUT	# of Sacks	Type	Additives								
H2O TO MIX	Weight PPG	Yield Ft3/Sk	Water Gal/Sk									
	ACID	Type	Additives									
	Inhibitor	Surfactant	clay cont.									
Spacer or Flush	Quantity	Type	Additives									
	<b>10 BBL</b>	<b>Fresh Water</b>										
Spacer or Flush	Quantity	Type	Additives									
Other	Quantity	Type	Additives									
Crew Called	<b>Cementer</b>		<b>Pumper</b>		<b>Bulky</b>		<b>Bulky</b>		<b>Bulky</b>			
	Robert Burris				Cheryl Newton		DUSTIN ODOM					
CEOL												
Sales Items	Casing Size	<b>8 1/2"</b>	Casing Weight	<b>24#</b>	Thread	<b>STC</b>						
	Guide Shoe		Float Shoe		Float Collar	Insert Float Valve						
	Centralizers - Number		Size		Type							
	Wall Cleaners - Number		Type		MSC (DV Tool)	MSC Plug Set						
	Limit Clamps		Thread lock		Other							
	Remarks	<b>GET WATER SAMPLES</b>										
Customer Rep.	Cell Phone	Office Phone	Fax	Time of Call								
<b>0</b>	<b>281-840-6497</b>											
Call Taken By								Date Ready	Location Time			
<b>Larry Kirchner</b>								<b>5/28/14</b>				
Crew Called								Yard Time				
<b>ROBERT BURRIS</b>												

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3819</b>	TICKET DATE <b>06/07/14</b>
COUNTY <b>Sumner</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Shane Morrison</b>	
LEASE NAME <b>Duke SWD</b>	Well No. <b>3404 1-8</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>marcos quintana</b>	

EMP NAME <b>Marcos Quintana</b>	<b>Vontray Watkins</b>				
<b>Wallace Berry</b>					
<b>David Setlemier</b>					
<b>Danny Tewell</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At \_\_\_\_\_ 0 \_\_\_\_\_  
Bottom Hole Temp. \_\_\_\_\_ 155 \_\_\_\_\_ Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_ 5,178'

Date	Called Out <b>6/6/2014</b>	On Location <b>6/7/2014</b>	Job Started <b>6/7/2014</b>	Job Completed <b>6/7/2014</b>
Time	<b>1800</b>	<b>0800</b>	<b>0858</b>	<b>1005</b>

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		17#	5 1/2"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			7 7/8"		Surface	5,178'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh 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	
6/7	2.0	6/7	2.0	Intermediate
Total	2.0	Total	2.0	

Pressures			
MAX	5,000 PSI	AVG	300
Average Rates in BPM			
MAX	8 BPM	AVG	5
Cement Left in Pipe			
Feet	84	Reason	SHOE JOINT

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	425	O-Tex Lite Premium 65/35	(Class H) - 6% Gel - 0.2% FL-17 - 0.1% C-20 - 0.4% C-41P - 1/4 pps Celloflak	11.04	2.01	12.40
2	190	Premium Plus (Class C)	(Class C) - 0.2% FL-17 - 0.2% C-20 - 0.4% C-41P - 1/4 pps Celloflake	6.32	1.33	14.80
3	0	0		0	0.00	0.00

Summary								
Preflush	10	Type:	Caustic	Preflush:	BBI	30.00	Type:	Gel Spacer
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad: Bbl - Gal	N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBI	N/A	Calc. Disp Bbl	116
		Actual TOC		Calc. TOC:		880	Actual Disp.	116.00
Average		Bump Plug PSI:		Final Circ.	PSI:	900	Disp: Bbl	
:SIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBI	197.0		
				Total Volume	BBI	343.00		

CUSTOMER REPRESENTATIVE Shane Morrison SIGNATURE

# Job Data Sheet



COMPANY <b>Sandridge Exploration &amp; Production</b>				PROJECT NUMBER <b>SOK 3819</b>		AFEWORk ORDER <b>DC13815</b>		DATE <b>6/7/2014</b>		
CONTRACTOR <b>Tomcat #3</b>				Owner <b>Same</b>		LEGAL DESCRIPTION <b>8/34S/4W</b>		API <b>15-191-22729-00-00</b>		
LEASE & WELL # <b>Duke SWD 3404 1-8</b>				COUNTY <b>Sumner</b>		STATE <b>Kansas</b>		MILEAGE <b>100</b>		
DIRECTIONS <b>BLUFF CITY, KS - 2 MI. NORTH TO W. 130TH ST. - 5.25 MI. EAST ON W. 130TH ST. (SW CORNER)</b>										
Pumping Services	<input type="checkbox"/> Surface		<input checked="" type="checkbox"/> Intermediate		<input type="checkbox"/> Long String		<input type="checkbox"/> Plug Back			
	<input type="checkbox"/> Squeeze		<input type="checkbox"/> Acid		<input type="checkbox"/> PTA		<input type="checkbox"/> Other			
							( ) H2S			
	Casing Size	Casing Weight	Thread	Tbng/DP Size	Thread	Plug. Cont.	Swage	Top Plug	Bottom Plug	% Excess
	5 1/2"	17#	LTC			YES	YES	YES	NO	10% / 40%
Number and Type Units							Casing Depth	Hole Depth	Hole Size	
Pump Truck & Bulk Materials							5,178'	5,178'	7 7/8"	
Remarks							Est. BHST	KOP	Depth-TVD	Mud Weight/Type
							155		9.2ppg WBM	
Materials	LEAD	# of Sacks	Type	Additives						
	152.14	425	O-Tex Lite Premium 65/35	(Class H) - 6% Gel - 0.2% FL-17 - 0.1% C-20 - 0.4% C-41P - 1/4 pps Celloflake						
	H2O TO MIX	Weight PPG	Yield Ft3/Sk							Water Gal/Sk
	111.71	12.40	2.01	11.04						
	TAIL	# of Sacks	Type	Additives						
	45.01	190	Premium Plus (Class C)	(Class C) - 0.2% FL-17 - 0.2% C-20 - 0.4% C-41P - 1/4 pps Celloflake						
	H2O TO MIX	Weight PPG	Yield Ft3/Sk							Water Gal/Sk
	28.59	14.80	1.33	6.32						
		# of Sacks	Type	Additives						
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk						
	ACID	Type	Additives							
	Inhibitor	Surfactant	clay cont.	TAKE 100#s SUGAR						
Spacer or Flush	Quantity	Type	Additives							
	30 bbls	Gel Spacer	900#s Bentonite Gel							
Displace	Quantity	Type	Additives							
Other	Quantity	Type	Additives							
Crew Called	Cementer		Pumper		Bulky		Bulky		Bulky	
	Marcos Quintana		Wallace Berry		David Settlemier		Danny Tewell		Vontray Watkins	
CEOL	5 1/2" BRD SWAGE, SW, DW, 2 HOSES									
Sales Items	Casing Size	5 1/2"	Casing Weight	17#	Thread	LTC				
	Guide Shoe		Float Shoe		Float Collar	Insert Float Valve				
	Centralizers - Number		Size		Type					
	Wall Cleaners - Number		Type		MSC (DV Tool)	MSC Plug Set				
	Limit Clamps		Thread lock		Other					
	Remarks									
Customer Rep.	Cell Phone	Office Phone	Fax	Time of Call						
Shane Morrison	281-840-6497									
Call Taken By							Date Ready	Location Time		
Larry Kirchner							6/7/14			
Crew Called							Yard Time			
marcos quintana										





**INVOICE**

DATE	INVOICE #
4/28/2014	4731

<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
SUMNER, KS	4/24/2014	3591	TOMCAT 2	DUKE SWD 3404 1-8	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 35' RAT HOLE SHUCK FURNISHED 25' MOUSE HOLE SHUCK USED 16" PIPE FURNISHED WELDER AND MATERIALS FURNISHED 6 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE DRILL RAT AND MOUSE HOLES  TOTAL BID \$11,500.00	

<b>Sales Tax (6.65%)</b>	\$124.49
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<b>TOTAL</b>	\$11,624.49
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