



Spud: 11/5/2014

Proposed

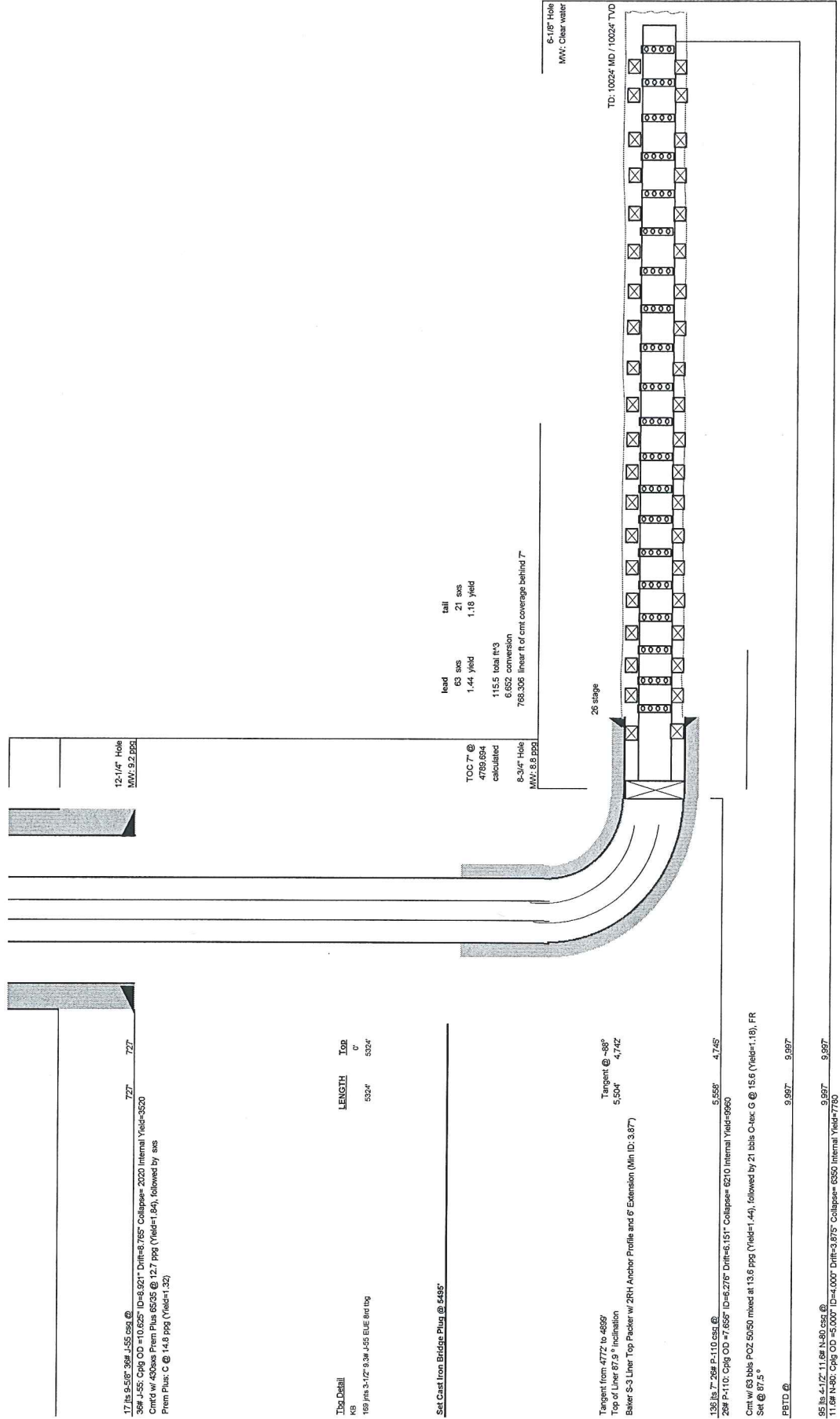
Wellbore Schematic

Field Bouse  
 County Harper  
 State KS  
 Well LAURA 3408 1-26H  
 SH Location SEC 22, TWP 34S, RNG 8W  
 BH Location SEC 22, TWP 34S, RNG 8W  
 Elevations 1340' KB, 1319' GL

Original Completion ( )	X
Current	X
Workover	X
Proposed	X

15-077-22109  
 API NO.

Well Bore Data MD TVD



17 1/2 9.58° 39# J-55 59# @ 727 727  
 39# J-55 C99 OD = 10.625" ID = 8.921" Drift = 8.765" Collapse = 2020 Internal Yield = 3520  
 Cmt'd w/ 490lbs Prem Plus 653# @ 12.7 PPG (Yield = 1.84), followed by 5#s  
 Prem Plus: C @ 14.8 PPG (Yield = 1.32)

Top Detail  
 KB  
 169 pps 3.12° 9.9# J-55 61# 61# 61# 61#  
 LENGTH Top  
 532' 532'

Set Cast Iron Bridge Plug @ 548'

Target from 4772 to 4897  
 Top of Liner 87.9° inclination  
 Baker S-3 Liner Top Packer w/ 2RH Anchor Profile and 6' Extension (Min ID: 3.87")  
 Tangent @ -88° 5.504' 4.742'

136 lbs 7" 26# P-110 65# @ 5.555' 4.745'  
 26# P-110 C99 OD = 7.858" ID = 6.276" Drift = 6.151" Collapse = 6210 Internal Yield = 8890  
 Cmt'd w/ 63 lbs POZ 59050 mixed at 13.6 PPG (Yield = 1.44), followed by 21 lbs C-bac G @ 15.6 (Yield = 1.18), FR  
 S4 @ 87.5°

PBTD @ 9.997' 9.997'

55 lbs 4-1/2" 11.8# N-80 65# @ 9.997' 9.997'  
 11.8# N-80 C99 OD = 5.000" ID = 4.000" Drift = 3.875" Collapse = 6350 Internal Yield = 7780  
 26 Stage Baker Fracport OH completion system run, NO cement pumped.

head 63 sbs 1.44 yield 115.5 total ft<sup>3</sup> 6.652 conversion 788.306 linear ft of cmt coverage behind 7"  
 tail 21 sbs 1.18 yield

6-1/8" Hole  
 MW: Clear water

TD: 10024' MD / 10024' TVD

# Mid-Continent Conductor, LLC

## Invoice

P.O. Box 1570  
Woodward, OK 73802  
Phone: (580)254-5400  
Fax: (580)254-3242

Date	Invoice #
10/27/2014	3197

<b>Bill To</b>
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Earl Sullivan	Net 30	10/27/2014	Laura 3408 1-26H, Harper Cnty, KS	Patterson 56

Item	Quantity	Description
Conductor Hole	90	Drilled 90 ft. conductor hole.
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe.
Mouse Hole	80	Drilled 80 ft. mouse hole.
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe.
Cellar Hole	1	Drilled 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Transport Truck - Conductor	1	Transport mud and trucking to location.
Grout & Trucking	15	Furnished 15 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump.
Fence Panels	1	Furnished and set safety netting around holes.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor and equipment for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits

AFE Number: DC-14314

Well Name: Laura 1-26H

Code: 850.010

Amount: 18,600.00

Co. Man: Earl Sullivan

Co. Man Sig: [Signature]

Notes: \_\_\_\_\_

<b>Subtotal</b>	\$18,600.00
<b>Sales Tax (0.0%)</b>	\$0.00
<b>Total</b>	<b>\$18,600.00</b>



7303 N. Highway 81  
Duncan, OK 73533

# Invoice

Date:	Invoice #:
11/11/2014	0000017899

Phone # (580) 255-3111

Bill To
Sandridge Exploration & Production 123 Robert S Kerr Ave Oklahoma City, OK 73102-6406

Description of Work
HARPER, COUNTY KS AFE DC14314 API 15-077-22109-01-00
Job Type: Surface (New Well Only)

Field Receipt	Terms	Service Date	Due Date	AFB No	Lease/Well Name
SOK4436	Net 30	11/6/2014	12/11/2014	AFE DC14314	LAURA 3408 1-26H

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount
ML001	Pickup Mileage	UNTML	100	4.26	426.00	60.00%	-255.60	170.40
ML002	Pump Truck/Heavy Vehicle Mileage	UNTML	100	7.32	732.00	60.00%	-439.20	292.80
ML003	Bulk Cement Delivery/Return	MILE	1,033	2.95	3,047.35	60.00%	-1,828.41	1,218.94
MX001	Bulk Material Mixing Service Charge	SCF	453	3.27	1,481.31	60.00%	-888.79	592.52
CC001	Pump Charge 0-1000'	4-HRS	1	2,038.61	2,038.61	60.00%	-1,223.17	815.44
CC015	Pump Charge Additional Hours	UNTHRS	2	588.06	1,176.12	35.00%	-411.64	764.48
ML014	Fuel Surcharge *	JOB	1	653.40	653.40	100.00%	-653.40	0.00
AE014	Environmental Fee*	JOB	1	228.69	228.69	100.00%	-228.69	0.00
PC003	Employee/Supervisor Retention/perdiem	PR/MAN	5	1,306.80	6,534.00	90.00%	-5,880.60	653.40
JM001	Data Acquisition System	JOB	1	1,437.48	1,437.48	60.00%	-862.49	574.99
AE002	Cement Head with manifold	JOB	1	1,176.12	1,176.12	60.00%	-705.67	470.45
AE003	Circulation Equipment( 40' of equipment)	JOB	1	1,633.50	1,633.50	60.00%	-980.10	653.40
CL017	9 5/8" Top Rubber Plug	EACH	1	338.80	338.80	35.00%	-118.58	220.22
CP001	C (Premium Plus Cement) (94 lbs/ft3)	94SACK	430	30.80	13,244.02	53.00%	-7,019.33	6,224.69
CP010	Cello Flake	LBS	108	4.20	453.60	53.00%	-240.41	213.19
CP018	Calcium Chloride	LBS	808	1.22	985.76	53.00%	-522.45	463.31
CP031	Sugar	LBS	50	3.39	169.50	0.00%	0.00	169.50

Subtotal Amount	*****
Sales Tax	*****
Discount Amount	*****
Payment/Credit Amount	*****
Total Net Amount	*****

Contact: Sandridge Exploration & Production



7303 N. Highway 81  
Duncan, OK 73533

# Invoice

Date:	Invoice #:
11/11/2014	0000017899

Phone # (580) 255-3111

Bill To
Sandridge Exploration & Production 123 Robert S Kerr Ave Oklahoma City, OK 73102-6406

Description of Work
HARPER, COUNTY KS AFE DC14314 API 15-077-22109-01-00
Job Type: Surface (New Well Only)

Field Receipt	Terms	Service Date	Due Date	AFE No	Lease/Well Name
SOK4436	Net 30	11/6/2014	12/11/2014	AFE DC14314	LAURA 3408 1-26H

Item	Description	U/M	Qty	Price Each	Amount	Disc %	Disc Amt	Net Amount

Subtotal Amount	35,756.26
Sales Tax	448.39
Discount Amount	-22,258.53
Payment/Credit Amount	0.00
<b>Total Net Amount</b>	<b>13,946.12</b>

Contact: Sandridge Exploration & Production

AFB  
117

AFE Number: DL 14314  
 Well Name: Laura 3408 1-26H  
 Code: 830-360

**O-TEX PUMPING LLC**  
 Amount: 13,497.73  
 Co. Man: J.T. Hunter  
 Service Location: Fairview, Oklahoma  
 Service Address: 601 Industrial Blvd 73737 Co. Man Sig: [Signature] Phone number

Notes: Clean Surface casing  
 Service Date: 11/6/2014  
 Customer Address: Sandridge Exploration & Production  
 City: St  
 Customer Rep: JT Hunter  
 Phone: 281-436-6480

FIELD RECEIPT  
 580-227-2727

Project Number: SOK 4436

Laura 3408  
 1-26H  
 Harper  
 Kansas  
 15-077-22109-01-00  
 DC14314

JOB TYPE  
 CASING SIZE

Job Type  
 Surface  
 Serv. Sup.  
 Johh Hall  
 Page 1 of 1

REF #	DESCRIPTION	U OF MEAS.	UNIT PRICE	QUAN	GROSS	%DISC	disc	NET
ML001	Pickup Mileage	per mile/ per Unit	4.26	100.0	\$426.00	60%	\$255.60	\$170.40
ML002	Pump Truck/Heavy Vehicle Mileage	per mile/ per Unit	7.32	100.0	\$732.00	60%	\$439.20	\$292.80
ML003	Bulk Cement Delivery/Return	per Ton-Mile	2.95	1,033.0	\$3,047.35	60%	\$1,828.41	\$1,218.94
MX001	Bulk Material Mixing Service Charge	per cuft	3.27	453.0	\$1,481.31	60%	\$888.79	\$592.52
CC001	Pump Charge 0-1000'	(per 4 hrs)	2,038.61	1.0	\$2,038.61	60%	\$1,223.17	\$815.44
CC015	Pump Charge Additional Hours	per hour/per unit	588.06	2.0	\$1,176.12	35%	\$411.64	\$764.48
ML014	Fuel Surcharge *	per unit per job	653.40	1.0	\$653.40	100%	\$653.40	\$0.00
AE014	Environmental Fee*	per job	228.69	1.0	\$228.69	100%	\$228.69	\$0.00
PC003	Employee/Supervisor Retention/perdiem	per job	1,306.80	5.0	\$6,534.00	90%	\$5,880.60	\$653.40
JM001	Data Acquisition System	per job	1,437.48	1.0	\$1,437.48	60%	\$862.49	\$574.99
AE002	Cement Head with manifold	per job	1,176.12	1.0	\$1,176.12	60%	\$705.67	\$470.45
AE000	Circulating hose (replacement)	per hose	1,375.00	-	\$0.00	0%	\$0.00	\$0.00
AE003	Circulation Equipment( 40' of equipment)	per job	1,633.50	1.0	\$1,633.50	60%	\$980.10	\$653.40
CL017	9 5/8" Top Rubber Plug	Each	338.80	1.0	\$338.80	35%	\$118.58	\$220.22
CP001	C (Premium Plus Cement) (94 lbs/ft3)	per sk	30.80	430.0	\$13,244.00	53%	\$7,019.32	\$6,224.68
CP010	Cello Flake	per lb	4.20	108.0	\$453.60	53%	\$240.41	\$213.19
CP018	Calcium Chloride	per lb	1.22	808.0	\$985.76	53%	\$522.45	\$463.31
CP031	Sugar	per lb	3.39	50.0	\$169.50	0%	\$0.00	\$169.50
ML003	Bulk Cement Delivery/Return	per Ton-Mile	2.95	-	\$0.00	60%	\$0.00	\$0.00
MX001	Bulk Material Mixing Service Charge	per cuft	3.27	-	\$0.00	60%	\$0.00	\$0.00
CP001	C (Premium Plus Cement) (94 lbs/ft3)	per sk	30.80	-	\$0.00	53%	\$0.00	\$0.00
CP018	Calcium Chloride	per lb	1.22	-	\$0.00	53%	\$0.00	\$0.00
AE022	1" Pipe for Top-Out*	per ft	7.90	-	\$0.00	20%	\$0.00	\$0.00
							\$22,258.51	\$13,497.73
							\$35,756.24	

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.  
 Customer Authorized Agent:

RECEIVED NOV 07 2014

# SERVICE ORDER CONTRACT

Customer Name Sandridge Exploration & Production

Ticket Number SOK 4436

Lease & Well Number Laura 3408 1-26H

Date 11/6/2014

As consideration, The Above Named customer Agrees:

O-TEX Pumping L.L.C. shall not be responsible for and customer shall secure O-TEX pumping against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of O-TEX pumping, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

O-TEX makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, O-TEX personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to O-TEX gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 30 days following the date on the invoice.

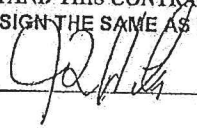
Upon customers default in payment of the customers account by the last day of the month following the month in which the invoice is dated.

Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account.

Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent: 

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 4483</b>	TICKET DATE <b>11/14/14</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Mark Turner</b>	
LEASE NAME <b>Laura 3408</b>	Well No. <b>1-26H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Bryan Douglas</b>	

EMP NAME					
Bryan Douglas		0			
Dustin Odom					
Evan Ratcliff					
Joe Collins					

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

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

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

Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_ 5609

Date	Called Out <b>11/14/2014</b>	On Location <b>11/14/2014</b>	Job Started <b>11/14/2014</b>	Job Completed <b>11/14/2014</b>
Time	<b>0000</b>	<b>0200</b>	<b>1500</b>	<b>1800</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						5,000
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 3/4"		Surface	5,690
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	8.33
Spacer type	Gel BBL.	30	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	
11/14	16.0	11/14	3.0	Intermediate
Total	16.0	Total	3.0	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX	5,000 PSI
AVG	400
Average Rates in BPM	
MAX	8 BPM
AVG	6
Cement Left In Pipe	
Feet	89
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 - 0.3% C-20 - 0.1% C-37 - 0.2% X-Air	6.93	1.43	13.60
2	100	Premium	0.2% FL-17 - 0.1% C-51 - 0.15% C-20 - 0.2% X-Air	5.19	1.19	16.60
3	0	0		0	0.00	0.00

Summary					
Preflush	30	Type:	Gel	Preflush:	BBI
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI
		Lost Returns-N	NO/FULL	Excess /Return	BBI
		Actual TOC	2.648	Calc. TOC:	
Average		Bump Plug PSI:	1,300	Final Circ.	PSI:
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI
				Total Volume	BBI
					326.28

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

AFE Number: \_\_\_\_\_

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

Code: \_\_\_\_\_

Amount: \_\_\_\_\_

Co. Man: \_\_\_\_\_

Co. Man Sig.: \_\_\_\_\_

Notes: \_\_\_\_\_



March 26, 2015

Benjean Browning  
533 N. Penn  
Anthony, KS 67003

Re: Kansas Surface Owner Notice Act (House Bill 2032)

Please find attached a draft copy of the Well Plugging Application currently pending with the KCC for approval. We plan to plug the Laura 3408 1-26H well located in Harper County, Kansas, and you are listed as the current surface owner.

This notice is being provided pursuant to the Kansas Surface Owner Notice Act (House Bill 2032). If you have any questions, please contact us.

Sincerely,

Tiffany Golay  
Regulatory Technician  
SandRidge Energy  
123 Robert S Kerr Avenue  
Oklahoma City, OK 73102  
E: [tgolay@sandridgeenergy.com](mailto:tgolay@sandridgeenergy.com)