Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1080232

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 #	_   API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□ NE □ NW □ SE □ SW
CONTRACTOR: License #	- GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd.	
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	_
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Produce	
	Chloride content:ppm Fluid volume:bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	-
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	- Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	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:

1080232

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flowi	ng and shut-in pressu	ormations penetrated. Dures, whether shut-in previth final chart(s). Attach	ssure reached stat	c level, hydrosta	atic pressures, bo		
		otain Geophysical Data a or newer AND an image f		ogs must be ema	ailed to kcc-well-l	ogs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes No	L		on (Top), Depth a		Sample
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne conductor, surface, inte		ion. 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 / SQL	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone							
	tal base fluid of the hydr	n this well? aulic fracturing treatment ex submitted to the chemical c	=	☐ Yes [ ? ☐ Yes [ ☐ Yes [	No (If No, s	kip questions 2 an kip question 3) Il out Page Three d	
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cemer		
0.000 1 0.1 001	Specify F	ootage of Each Interval Perf	orated	(A	mount and Kind of M	laterial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No	)	
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift (	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wat	er E	bls.	Gas-Oil Ratio	Gravity
		1					
DISPOSITIO		Open Hole	IETHOD OF COMPLE    Perf.   Dually		mmingled	PRODUCTIO	N INTERVAL:
Vented Sold (If vented, Sub	Used on Lease mit ACO-18.)	Other (Specify)	(Submit		omit ACO-4)		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Carissa SWD 1-15
Doc ID	1080232

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	120	Mid Continent 8 sack grout	11	none
Surface	12.25	9.63	36	787	Extendace m and Halcem System	320	3% Calcium Chloride, .25 lbm Poly-E- Flake
Intermedia te	8.75	7	26	4850	Extendace m and CMT- Premium Cement	225	2% Bentonite, 2lbm Kol- Seal, .4% Halad

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

May 22, 2012

Tiffany Golay SandRidge Exploration and Production LLC 123 ROBERT S. KERR AVE OKLAHOMA CITY, OK 73102-6406

Re: ACO1 API 15-083-21763-00-00 Carissa SWD 1-15 SE/4 Sec.15-21S-24W Hodgeman County, Kansas

#### **Dear Production Department:**

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Tiffany Golay

170 Commerce Road, Building 201 Conway, Arkansas 72032 501.328.3316 f 501.328.3325 f www.craftontull.com Crafton Tull SURVEYING HODGEMAN COUNTY, KANSAS SECTION 15 TOWNSHIP 21S RANGE 24W 6TH P.M. 518' FSL- 203' FEL Ē 2312 2326 OPUS USING THESE STATIONS: DK6487 Y:573526 GRID NORTH (NAD 83) KANSAS - SOUTH ZONE NAD83 STATE PLANE COORDINATE SYSTEM AS PROCESSED BY CIT2 WICHITA ICT2 CORS ARP, & A F9518 LMNO LAMONI CORS 2363 2136 LAT:38.219895 ONG:-99:936488 2449 203 2356 SANDRIDGE ENERGY INC. 518, "GOEBEL \$1-15H 21S-24W"
200' FSL & 350' FEL
AS RECORDED ON PROVIDED PLAT Y:568218 **ELEVATION:** WELL NO: 1-15 2338' GR. AT STAKE OPERATOR: SANDRIDGE ENERGY, INC. LEASE NAME: CARISSA SWD DISTANCES SHOWN IN (PARENTHESIS) ARE CALCULATED BASED UPON THE QUARTER SECTION BEING 2640 FEET, THOSE SHOWN IN TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD [BRACKETS] ARE BASED ON GLO (GENERAL REFERENCE STAKES OR ALTERNATE LOCATION GOOD DRILL SITE: YES LAND OFFICE) DISTANCES AND HAVE NOT STAKES SET: \_\_ NONE BEEN MEASURED. BEST ACCESSIBILITY TO LOCATION: SOUTH OR EAST LINE **DISTANCE & DIRECTION** FROM HWY JCT OR TOWN: FROM THE JCT. OF US-283 & KS-156 (JETMORE, KS), TRAVEL NORTH ON US-283 FOR ±9.1 MILES, TURN LEFT (WEST) ON UNNAMED RD & TRAVEL±1.0 MILE, TURN ED GRA LEFT (SOUTH) ON UNNAMED RD & TRAVEL ±0.5 MILE, TURN RIGHT (WEST) ON UNNAMED RD & TRAVEL ±1.1 MILES (NORTHWEST) ON DIRT ROAD TO THE SE CORNER \$15, T21S-R14W. (THE FOLLOWING STATE PLANE 21/201 GPS INFORMATION WAS DATUM: NAD-27 COORDINATES: 404 GATHERED USING A GPS LAT: 38.219895 ZONE: KS-SOUTH RECEIVER ACCURACY ±2-3 LONG: <u>-99.936488</u> X: 1587322,163 METERS) Y: 568738.062 SURVEYOR'S CERTIFICATE: DATE STAKED: \_\_02-21-2012 I, C. ED GRAY, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1404, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION. GRAPHIC SCALE IN FEET THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT 1000 500 1000 DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. SandRidge **REVISION** REVISED SHL (02-20-2012) 'CARISSA SWD 1-15" REVISED CL. LMTS (02-21-12) PART OF THE SET/4 OF SECTION 15, T-21-S, R-24-W PROPOSED DRILL SITE HODGEMAN COUNTY, KANSAS SCALE: 1" = 1000'



Current

Field County State

Well

Hodgeman Hodgeman Kansas

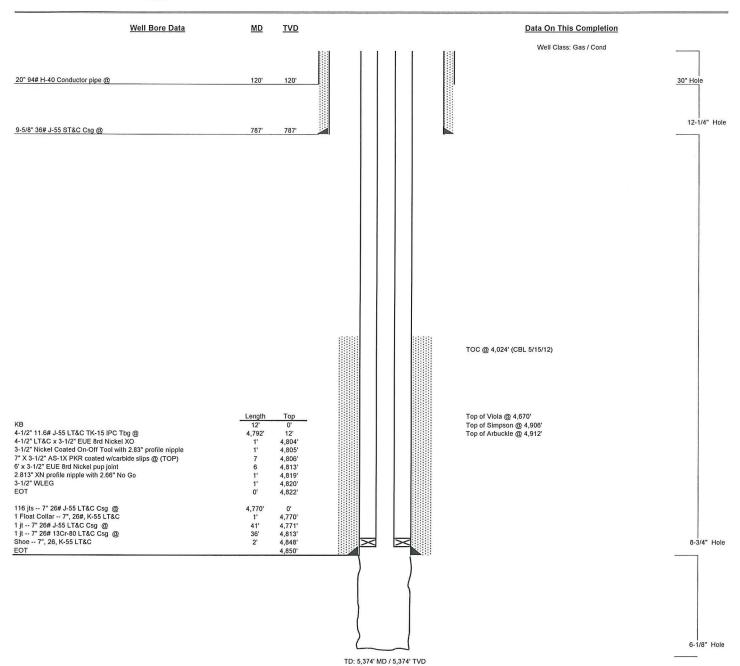
Carissa 1-15 SWD

Location KB GL SEC 15, TWP 21S, RGE 24W

2,358 2,338 **Wellbore Schematic** 

15-083-21763 API NO.







Invoice

Date Invoice # 4/10/2012 1278

P.O. Box 1570

Woodward, OK 73802

Phone: (580)254-5400 Fax: (580)254-3242

Bill To	
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
Lawrence	Net 45	4/10/2012	Carissa 1-15SWD, Hodgeman Cnty, KS	Tomcat 4

Item	Quantity				Description	
Conductor Hole 20" Pipe Rat & Mouse Holes Rat Hole Shuck 16" Pipe Cellar Hole 5' X 5' Tinhorn Mud and Water Mud, Water, & Trucking Grout & Trucking Grout Pump Welder & Materials Dirt Removal Cover Plate Permits		100 1 1 20 1 1 1 1 1 1 1 1 1 1	Drilled 100 ft. conductor I Furnished 100 ft. of 20 ind Drilled 35 ft. rat hole and Furnished 25 ft. of 16 incl Drilled 5x5 cellar hole. Furnished and set 5x5 tink Furnished mud and water. Transport mud and water furnished I1 yards of group Furnished welder and mat Labor and equipment for countries of the property of	ch conduct 20 ft. mouse he mouse he horn.  to location ut and true terials.	ole pipe.  1 cking to location.	
				Subto	tal	\$18,800.00
				Sales	Tax (0.0%)	\$0.00
					Total	\$18,800.00

## Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 Ship To #: 2922827 Quote #: Sales Order #: 9457150 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Robinson, Ryan Well Name: Carissa Well #: 1-15 SWD API/UWI #: County/Parish: Hodgeman City (SAP): JETMORE State: Kansas Field: Legal Description: Section 15 Township 21S Range 24W Contractor: TOMCAT Rig/Platform Name/Num: 4 Job Purpose: Cement Surface Casing Well Type: Injection Well Job Type: Cement Surface Casing Sales Person: NGUYEN, VINH Srvc Supervisor: MONTOYA-MOLINAS, MBU ID Emp #: 483764 ARTHUR Job Personnel **HES Emp Name** Exp Hrs **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# Emp# HEIDT, JAMES 517102 MONTOYA-MOLINAS, 483764 NORTON, BRUCE 13 499926 13 **Nicholas** ARTHUR J Wavne STELL, KEVIN 13 450776 Woodrow Equipment HES Unit# Distance-1 way **HES Unit#** Distance-1 way HES Unit # Distance-1 way **HES Unit#** Distance-1 way **Job Hours** On Location Operating On Location Operating Date On Location Operating Date Date Hours Hours Hours Hours Hours Hours 4-23-2012 7 1 TOTAL Total is the sum of each column separately Job **Job Times** Time **Time Zone Formation Name Date** 02:30 Formation Depth (MD) Top Bottom Called Out 23 - Apr - 2012 **CST** BHST On Location 23 - Apr - 2012 10:05 CST Form Type 23 - Apr - 2012 CST Job depth MD 792.5 ft Job Depth TVD 792.5 ft Job Started 14:55 23 - Apr - 2012 15:49 **GMT** Water Depth Wk Ht Above Floor 5. ft Job Completed 23 - Apr - 2012 17:15 CST Perforation Depth (MD) From Departed Loc To Well Data Weight Description New / ID Thread Grade Top MD **Bottom** Top **Bottom** Max Size Used lbm/ft MD **TVD TVD** pressure ft in in ft ft ft psig Open Hole 12.25 740. Surface Casing Unknow 9.625 8.921 36. LTC J-55 740. n Sales/Rental/3rd Party (HES) Depth Supplier Description Qty Qty uom PLUG, CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA 1 EA **Tools and Accessories** Make Depth Size Make Depth Size Make Type Size Qty Type Qtv Type Qty **Guide Shoe** Packer Top Plug Float Shoe Bridge Plug **Bottom Plug** Float Collar SSR plug set Retainer Plug Container Insert Float Centralizers Stage Tool **Miscellaneous Materials** Acid Type % **Gelling Agt** Conc Surfactant Conc Qty Conc Treatment Fld Inhibitor Conc Sand Type Size Qty Conc

Monday, April 23, 2012 16:42:00

Fluid Data

Summit Version: 7.3.0021

# Cementing Job Summary

Fluid #	Stage <sup>-</sup>	Гуре	Fluid Name			Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1		Surface Casing Vater Spacer					20.00	bbl		.0	.0	.0	
2	Lead Cer	nent	EXTEN	DACEM (TM) SY	STEM (45	2981)	220.0	sacks	12.4	2.13	11.75		11.75
	3 %		CALCIL	IM CHLORIDE, P	ELLET, 50	LB (10	1509387	)					
	0.25 lbm		POLY-E	-FLAKE (101216	940)								
11.75 Gal FR				WATER									
3	Tail Cem	ent	HALCE	M (TM) SYSTEM	(452986)		100.0	sacks	15.6	1.2	5.32		5.32
	2 %		CALCIL	IM CHLORIDE, P	ELLET, 50	LB (10	1509387	)			•		
	0.125 %		POLY-E	-FLAKE (101216	940)								
	5.32 Gal		FRESH	WATER									
C	alculated	Values	63	Pressures					٧	olumes			
Displa	cement	58 BB	LS <b>Sh</b> u	it In: Instant	L	ost Re	turns	0	Cement S	lurry	104 BBLS		
Тор О	f Cement	SURFA	CE 5 M	in	C	Cement	Returns	30 BBLS	Actual Displacement		ent 58 BBLS	Treatn	nent
Frac C	Gradient		15 [	Min	S	Spacers	3	20 BBLS	Load and	Breakdo	own	Total	lob
						R	ates		<b>建建</b> 基本品				
	Circulating 4 Mixing 5.8			Mixing	5.5		Displac	ement	6		Avg. J	ob	5
Circu	lating				Chas	loint							
	ılating nent Left Ir	Pipe	Amoun	t 40 ft Reaso	n Shoe	JOHN							

Monday, April 23, 2012 16:42:00

## Cementing Job Summary

The Road to Excellence Starts with Safety Ship To #: 2922827 **Sold To #:** 305021 Quote #: Sales Order #: 9485082 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Victor, Mr API/UWI #: Well Name: Carissa Well #: 1-15 SWD Field: City (SAP): JETMORE County/Parish: Hodgeman State: Kansas Legal Description: Section 15 Township 21S Range 24W Rig/Platform Name/Num: 4 Contractor: TomCat Job Purpose: Cement Intermediate Casing Well Type: Injection Well Job Type: Cement Intermediate Casing Sales Person: NGUYEN, VINH Srvc Supervisor: LEE, SEITH MBU ID Emp #: 483600 Job Personnel **HES Emp Name HES Emp Name** Emp# Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# Exp Hrs NORTON, BRUCE NELSON, JOHN 9.5 499926 LEE, SEITH Adam 9.5 483600 507033 9.5 Franklin Wayne Equipment HES Unit # Distance-1 way **HES Unit#** Distance-1 way HES Unit# Distance-1 way HES Unit# Distance-1 way **Job Hours** On Location On Location Operating On Location Operating Date Operating Date Date Hours Hours Hours Hours Hours Hours 4/2/2012 3.5 4/3/2012 1.6 TOTAL Total is the sum of each column separately Job **Job Times** Time Zone Date Time Formation Name 02 - May - 2012 CST Formation Depth (MD) Top Bottom Called Out 13:00 BHST On Location 02 - May - 2012 20:30 CST Form Type Job Depth TVD 02 - May - 2012 02:20 CST Job depth MD 5060. ft Job Started 02 - May - 2012 CST Water Depth Wk Ht Above Floor 20 Job Completed 04:00 Perforation Depth (MD) From 02 - May - 2012 06:00 CST To Departed Loc **Well Data** Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** TVD TVD Used pressure lbm/ft ft MD in in ft ft psig ft 470. 5082. Intermediate 8.75 Open Hole Area 7. 5042. 5082. 6.314 24.8 LTC Lower Unknow Intermediate n Casing Surface Casing Unknow 9.625 8.921 36. LTC J-55 740. n 5042. 6.276 26. **BTC** J-55 Upper Unknow 7. Intermediate Casing Sales/Rental/3<sup>rd</sup> Party (HES) Qty Qty uom Depth Supplier Description PLUG, CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS EA **Tools and Accessories** Make Depth **Type** Size Qty Make Type Size Qty Make Depth Type Size Qty Top Plug Guide Shoe Packer Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Plug Container Insert Float Centralizers Stage Tool

		Miscellaneo	us Materials			
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc %

# Cementing Job Summary

Treatn	nent Fld		Conc	Inhibitor			Conc	Sand	1 Туре		Size	Qty
			是10年的10年的10日。2011年11日 12日		Flu	id Data						<b>建物</b> 数化物
St	tage/Plug	#: 1										
Fluid #	Stage T	ype	Fluid Name			Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/s
1	Water Spa	acer				20.00	bbl	8.33	.0	.0	3	
2	Lead Cem	ent	<b>EXTENDACEM (TM</b>	SYSTEM (4	52981)	145.0	sacks	13.6	1.55	7.42	4	7.42
	2 %		BENTONITE, BULK	(100003682)								
	2 lbm		KOL-SEAL, BULK (1	00064233)								
	0.4 %		HALAD(R)-9, 50 LB	(100001617)								
	7.419 Gal		FRESH WATER									
3	Tail Ceme	nt	CMT - PREMIUM CE	MENT (1000	03687)	80.0	sacks	15.6	1.19	5.3	4	5.3
	94 lbm		CMT - PREMIUM - C	LASS H REC	OR TY	PE V, BU	LK (1000	003687)				
	0.4 %		HALAD(R)-9, 50 LB (100001617)									
	5.298 Gal		FRESH WATER									
4	Fresh Water Displacement/TB					174.00	bbl				5	
Ca	alculated \	/alues	Pressu	ires				V	olumes			
Displa	cement	184	Shut In: Instant		Lost Re	eturns	N	Cement S	lurry	47	Pad	
Top Of	Cement		5 Min		Cemen	t Returns	N	Actual Di	splacem	ent 184	Treatn	nent
Frac G	radient		15 Min		Spacer	s	20	Load and	Breakdo	wn	Total	lob
					R	ates						
Circu		4	Mixing	4		Displac	ement	5		Avg. J	ob	5
	ent Left In	, . , ,			Joint							
Frac F	Ring # 1 @		ID Frac ring #	2 @ I	D	Frac Rin				Frac Ring	#4@	ID
Th	e Inform	ation	Stated Herein Is	Correct	Custom	ner Repres	entative S	Signature				