

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1080233

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:			Sec	TwpS. R	East West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long: _	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	W	/ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G		(Data must be collected from the		
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls
Dual Completion			Dewatering method used: _		
SWD			Location of fluid disposal if	hauled offsite	
☐ ENHR			1		
GSW	Permit #:		Operator Name:		
_ _			Lease Name:	License #:_	
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
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 Approved by: Date:

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	 Digital elec 	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons			p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvari of	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Device C	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Ryan SWD 1-36
Doc ID	1080233

All Electric Logs Run

Array Compensated- True Resistivity Log
Compensated Spectral Natural Gamma Log
Micro Log
Dual Spaced Neutron Spectral Density Log

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

June 04, 2012

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

Re: ACO1 API 15-055-22136-00-00 Ryan SWD 1-36 NW/4 Sec.36-22S-31W Finney 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† 501.328.3325 f www.craftontull.com Crafton Tull COUNTY, KANSAS **FINNEY** 200' FNL- 670' FWL SECTION 36 TOWNSHIP 22S RANGE 31W 6TH P.M. X:1372154 Y:530813 0 2888 2885 DK6487 670' 1971 2876 JSING THESE STATIONS: X:137743 Y:530651 0 SANDRIDGE ENERGY, INC. GRID NORTH (NAD 83) KANSAS - SOUTH ZONE 0 LAT:38.103737 200' FNL & 400' FW4 LONG:-100.679814 2875 11 11 11 2460' BY 11 INATE SYSTEM AS PROCESSED I & AF9518 LMNO LAMONT COI 100 11 11 11 11 11 1 THE COORDINATES ARE BASED ON NADB3 STATE PLANE COORDINATE WICHITA ICT1 CORS ARP, DK6489 ICT2 WICHITA ICT2 CORS ARP, B, A FP9 2884 36 2879 **<:1372067** Y:525503 X:1377343 Y:525314 2875 Well 2870 2874 **ELEVATION:** OPERATOR: SANDRIDGE ENERGY, INC. WELL NO: 1-36 2886' GR. AT STAKE LEASE NAME: RYAN SWD DISTANCES SHOWN IN (PARENTHESIS) ARE CALCULATED BASED UPON THE QUARTER TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD SECTION BEING 2640 FEET, THOSE SHOWN IN [BRACKETS] ARE BASED ON GLO (GENERAL REFERENCE STAKES OR ALTERNATE LOCATION LAND OFFICE) DISTANCES AND HAVE NOT GOOD DRILL SITE: YES STAKES SET: NONE BEEN MEASURED. BEST ACCESSIBILITY TO LOCATION: NORTH LINE **DISTANCE & DIRECTION** ED GRAJ FROM HWY JCT OR TOWN: FROM THE JCT. OF KS-23 & KS-156, TRAVEL WEST ON KS-156 FOR ±11.0 MILES, TURN RIGHT (NORTH) ON N MENNONITE RD & TRAVEL ±3.0 MILES, TURN LEFT (WEST) ON E ROCKPIT RD & TRAVEL ±1.0 MILES TO THE NW CORNER OF \$36, T22S-R31W 2/28/2012 (THE FOLLOWING GPS STATE PLANE DATUM: NAD-27 **INFORMATION WAS** COORDINATES: 1404 LAT: 38.103737 ZONE: KS-SOUTH **GATHERED USING A GPS** RECEIVER ACCURACY ±2-3 LONG: -100.679814 X: 1372820.854 DATE STAKED: 02-22-2012 SURV 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 (02-23-2012) "RYAN SWD 1-36"
PART OF THE NW1/4 OF SECTION 36, T-22-S, R-31-W
PROPOSED DRILL SITE REVISED CL LIMITS (02-28-2012 FINNEY COUNTY, KANSAS SCALE: 1" = 1000' PLOT DATE: 02-28-2012 DRAWN BY: S.ANDER SHEET NO.: 1 OF 3



P.O. Box 1570

Woodward, OK 73802

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

Ordered By

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

Terms

Invoice

Date	Invoice #
4/19/2012	1291

Drilling Rig

					2012		The second secon	
	Jason	Net 45	Net 45 4/19/201		4/19/2012 Ryan 1-36 SWD, Finney Cnty, KS Tome			Tomcat 4
	Item	Quantity			-			
20" P Rat & Rat H 16" P Cellar 5' X 5 Mud a Trans Grout Grout Welde	Mouse Holes ole Shuck pe Hole Tinhorn and Water port Truck - Conductor & Trucking Pump or & Materials emoval Plate		100 1 20 1 1 1 1 10 1 1 1	Drilled 100 ft. of Furnished 100 ft. Drilled rat and m Furnished 20 ft. of Drilled 5' X 5' ce Furnished and se Furnished mud at Transport mud at Furnished grout a Furnished grout a Furnished tabor a Furnished cover permits	of 20 includes to the shuck of 16 inchellar hole at 6' X 6' till and water to and trucking pump r and mater and equipn	h conducts mouse h nhorn colocation ng to loca rials	ole pipe 1 ation	
	*				5	Subto	tal	\$18,250.00
						Sales	Tax (0.0%)	\$0.00
							Total	\$18,250.00

Date of Service

Lease Name/Legal Desc.

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 **Ship To #**: 2919766 Quote #: Sales Order #: 9504627 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Flemming, Dale API/UWI #: Well #: 1-36SWD Well Name: Ryan City (SAP): GARDEN CITY County/Parish: Finney Field: State: Kansas Legal Description: Section 5 Township 28N Range 10W Contractor: TOMCAT Rig/Platform Name/Num: 4 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: NGUYEN, VINH Srvc Supervisor: GALVAN, GEORGE MBU ID Emp #: 447816 Job Personnel Emp# **HES Emp Name** Exp Hrs Exp Hrs **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Emp# HAGEE, MILES Killion 480456 GALVAN, GEORGE 28 447816 427231 LUNA, JOSE A 28 TORRES, 28 344233 CLEMENTE Equipment **HES Unit#** Distance-1 way **HES Unit#** Distance-1 way **HES Unit#** Distance-1 way HES Unit# Distance-1 way 10240245 60 mile 10244148 60 mile 10286731 60 mile 10998524 60 mile 11689692 60 mile 11700001 60 mile 11819424 60 mile **Job Hours** On Location On Location Operating Operating Date Operating Date Date On Location Hours Hours Hours Hours Hours Hours 05-10-2012 05-11-2012 10 0 18 2 TOTAL Total is the sum of each column separately Job **Job Times Formation Name** Date Time Time Zone Formation Depth (MD) Top Bottom Called Out 10 - May - 2012 08:00 **CST** Form Type BHST On Location 10 - May - 2012 14:00 CST 11 - May - 2012 Job depth MD 1341.9 ft Job Depth TVD 3. ft Job Started 14:59 CST Water Depth 11 - May - 2012 Wk Ht Above Floor 3. ft Job Completed 16:19 CST Perforation Depth (MD) From To Departed Loc 11 - May - 2012 18:00 CST Well Data Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft ft MD **TVD TVD** psig ft ft ft Surface Open 12.25 1260. Hole Surface Casing Unknow 9.625 8.921 36. LTC J-55 1260. n Sales/Rental/3rd Party (HES) Description Depth Supplier Qty Qty uom PLUG, CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA EA **Tools and Accessories** Type Size Qty Make Depth Size Type Qty Make Depth **Type** Size Qty Make **Guide Shoe** Packer Top Plug Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers Miscellaneous Materials **Gelling Agt** Conc Surfactant Conc Acid Type Qty Conc % **Treatment Fld** Conc Inhibitor Conc Sand Type Size Qty

	Fluid Data	
Stage/Plug #: 1		

Summit Version: 7.3.0021

Cementing Job Summary

Fluid #	Stage `	Туре		Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Sp	acer					10.00	bbl	8.33	.0	.0	.0	
2	Lead Cer	nent	EXT	NDACEM (TM)	SYSTEM (4	52981)	460.0	sacks	12.4	2.12	11.68		11.68
	3 %		CALC	CIUM CHLORIDE	, PELLET, 5	50 LB (1	01509387	<u>')</u>					
	0.25 lbm			/-E-FLAKE (1012		·							
	11.676 Ga	al	FRES	SH WATER									
3	Tail Cem	ent	SWIF	TCEM (TM) SYS	STEM (4529	90)	120.0	sacks	15.6	1.2	5.32		5.32
	2 %			CIUM CHLORIDE		•	01509387	<u>')</u>					
	0.125 lbm	1		/-E-FLAKE (1012									
	5.319 Ga	I	FRES	SH WATER									
Ca	lculated	Values		Pressui	es				V	olumes			
Displa	cement	96.	5 S	hut In: Instant		Lost R	eturns		Cement S		199	Pad	
	Cement	SURFA	ACE 5	Min		Cemer	t Returns		Actual Di		ent 96	Treatm	ent
Frac G	radient		1	5 Min		Space	'S		Load and Breakdown				
							Rates						
Circul	lating			Mixing	4.:	5	Displac	ement	5.5	5	Avg. Jo	ob	5
Cem	ent Left Ir	Pipe	Amo	unt 40 ft Rea	son Shoe	Joint	· · · · · · · · · · · · · · · · · · ·						
Frac F	Ring # 1 @		ID	Frac ring # 2	@ 1	D	Frac Rin	g # 3 @	ID		Frac Ring	#4@	ID
Th	e Inforn	nation	State	ed Herein Is (Correct	Custor	ner Represe	entative S	Signature				

Summit Version: 7.3.0021

Summit Version:

7.3.0030

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 Ship To #: 2919766 Quote #: Sales Order #: 9530543 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Dale, Mr Well Name: Ryan Well #: 1-36SWD API/UWI #: City (SAP): GARDEN CITY County/Parish: Alfalfa State: Oklahoma Field: Legal Description: Section 5 Township 28N Range 10W Contractor: TomCat Rig/Platform Name/Num: 4 Job Purpose: Cement Intermediate Casing Well Type: Development Well Job Type: Cement Intermediate Casing Sales Person: NGUYEN, VINH Srvc Supervisor: MONTOYA-MOLINAS, MBU ID Emp #: 483764 ARTHUR Job Personnel **HES Emp Name HES Emp Name** Exp Hrs Emp# Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# LEE, SEITH Adam 19 483600 LOPEZ-ROSALES, 19 198514 MONTOYA-MOLINAS. 19 483764 JUAN ARTHUR J RAMIREZ, JORGE M. 19 498481 Equipment HES Unit# Distance-1 way HES Unit# Distance-1 way **HES Unit#** Distance-1 way Distance-1 way **HES Unit# Job Hours** Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 5-30-2012 15 1.5 TOTAL Total is the sum of each column separately Job **Job Times Formation Name** Date Time Time Zone Formation Depth (MD) Top Bottom Called Out 30 - May - 2012 00:00 CST Form Type BHST On Location 30 - May - 2012 07:45 CST 5820. ft Job depth MD Job Depth TVD 5820. ft 30 - May - 2012 Job Started 18:46 CST Water Depth Wk Ht Above Floor 30 - May - 2012 12. ft Job Completed 20:12 CST Perforation Depth (MD) From 30 - May - 2012 To Departed Loc 21:45 CST Well Data Description New / Max Size ID Weight **Thread** Grade Top MD **Bottom** Bottom Top Used pressure lbm/ft TVD in in MD **TVD** ft psig ft ft ft Intermediate 8.75 1260. 5648. 1000. 5563. Open Hole Intermediate Unknow 7. 6.276 26. BTC J-55 5608. 5563. Casing n Intermediate Unknow 7. 24.8 6.184 Unknown 120 MY 5608. 5648. Casing 2 n Surface Casing Unknow 9.625 8.921 36 LTC J-55 1260. n Sales/Rental/3rd Party (HES) Description Qty uom Depth Qty Supplier PLUG, CMTG, TOP, 7, HWE, 5.66 MIN/6, 54 MAX CS EΑ **Tools and Accessories** Type Size Qty Make Depth Make Depth Type Size Qtv Type Size Qty Make **Guide Shoe** Packer Top Plug Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers

Miscellaneous Materials

Wednesday, May 30, 2012 20:59:00

Cementing Job Summary

Treatme Sta Fluid	ent Fld					nt		Conc	Aciu	Type		Qty	Conc	%
			C	onc	Inhibitor			Conc	Sand	d Type		Size	Qty	-
The second second	4 1	11 4				Flu	id Data							IV.
Fluid	age/Plug	The second second second												
#	Stage 1	Гуре		Fluid I	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Flui Gal/sk		Total N Fluid Ga	
1 '	Water Sp	acer					10.00	bbl		.0	.0	.0		
2	Lead Cer	nent	ECON	OCEM (TM) S	YSTEM (452	992)	570.0	sacks	13.6	1.54	7.36		7.36	
	0.4 %		HALAE	O(R)-9, 50 LB (100001617)									
	2 lbm		KOL-S	EAL, BULK (10	00064233)									
	2 %		BENTO	ONITE, BULK (100003682)									
	7.356 Gal		FRESH	WATER										
3	Tail Ceme	ent	EXTEN	IDACEM (TM)	SYSTEM (4	52981)	100.0	sacks	15.6	1.19	5.08		5.08	
	0.4 %			(R)-9, 50 LB (3 37300					
	2 lbm		KOL-S	EAL, 50 LB BA	G (1000642	(32)								
!	5.076 Gal		FRESH	WATER										
Cal	culated	Values		Pressu	res		拉 里斯克		V	olumes				
Displace	ement	219 BE	BLS Sh	ut In: Instant		Lost Re	eturns	0	Cement S		173 BBL			
Γop Of 0	Cement		5 N	/lin		Cement Returns		0	Actual Displacement		ent 219 BBL		ent	
Frac Gra	adient		15	Min		Spacer	s	10 BBLS	Load and Breakdown		wn	Total J	ob	
						R	ates							
Circula		3		Mixing	6	1	Displac	ement	8		Avg. J	ob	6	
	ent Left In		Amour	nt 40 ft Re	ason Shoe	Joint							-	
Frac Ri	ing # 1 @		ID	Frac ring # 2	2 @ 1	D	Frac Ring	g # 3 @	ID	F	rac Ring	#4@	ID	

Logo

Back to Well Completion

Request Confidentiality

Ryan SWD 1-36 (1080233)

Actions View PDF Delete Edit Certify & Submit

Attachments

Two Year Confidentiality	View PDF
OPERATOR	Delete
As Drilled Plat	View PDF
OPERATOR	Delete
Cement Reports	View PDF
OPERATOR	Delete
	Add Attachment

Remarks

Remarks to KCC	
	C

Add Remark

Remarks

Tiffany Golay 06/14/012 07:14 am	Fluid Mgmt: 560 bbls hauled to Weinett Disposal in Lipscomb, TX. Location: Section 1079, Block 43 (no township or range). License No: 906250, API: 29500029, Lease: 112795 1100 additional bbls were take to frac tanks at the Dixie 1-25 SWD.
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Tiffany Golay 06/11/012

Conductor weight= 94 lbs/ft and 10 yards of grout were used to cement.

07:47 am