Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1075993

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 Dorth / South Line of Section				
City: State: Zip:+	Feet from East / West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()					
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: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
	Elevation: Ground: Kelly Bushing:				
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:				
GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet				
Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No				
Cathodic Other (Core, Expl., etc.):					
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 Producer	(Data must be collected from the Reserve Pit)				
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
ENHR Permit #:					
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. 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 III Approved by: Date:							

CORRECTION #1

1075993

Operator Na	me:			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		L	og Formati	on (Top), Depth an	d Datum	Sample	
(Attach Additional Samples Sent to Geo		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		tion, 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 P	ercent Additives	
Protect Casing							
Plug Off Zone							
Did you perform a hydraulic fracturing treatment on this well? Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 Was the hydraulic fracturing treatment information submitted to the chemical disclosure reg				Yes Yes	No (If No, ski	p questions 2 ar p question 3) out Page Three	
Shots Per Foot	Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				acture, Shot, Cement Amount and Kind of Ma		d Depth

Estimated Production Per 24 Hours	Oil Bb	ls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF G	GAS:			METHOD (OF COMPLETION:		PRODUCTION INTERV	AL:
Vented Sold	Used on Lease		Open Hole	Perf.	Dually Comp. (Submit ACO-5)	Commingled		
(If vented, Submit ACC)-18.)		Other (Specify)		(Subinii ACO-5)	(Submit ACO-4)		

Packer At:

Pumping

Producing Method:

Flowing

Liner Run:

Gas Lift

No

Yes

Other (Explain)

TUBING RECORD:

Size:

Date of First, Resumed Production, SWD or ENHR.

Set At:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Summary of Changes

Lease Name and Number: Ethan John 1-5 SWD API/Permit #: 15-077-21798-00-00 Doc ID: 1075993 Correction Number: 1 Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=10	//kcc/detail/operatorE ditDetail.cfm?docID=10
Well Type	73590 OIL	75993 SWD



CONFIDENTIAL WELL COMPLETION FORM

1073590

Form ACO-1 June 2009 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: ()	
CONTRACTOR: License #	County:
	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
☐ OG	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	

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							
Letter of Confidentiality Received							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

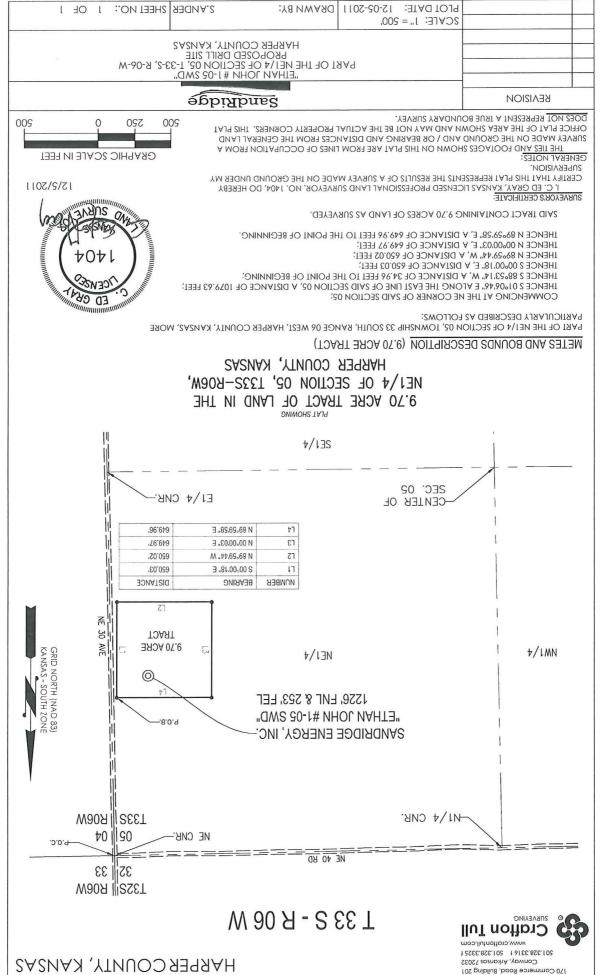
Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		Log Formation (Top), Depth			Sample	
Samples Sent to Geolog	gical Survey	Yes No	Nan	ne		Тор	Datum	
Cores Taken Electric Log Run Electric Log Submitted Electronically <i>(If no, Submit Copy)</i> List All E. Logs Run:		☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No						
		CASIN	G RECORD	ew Used				
			t-conductor, surface, int		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 / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot			RECORD - Bridge Plugs Set/Type otage of Each Interval Perforated				ļ	Depth			
TUBING RECORD: Size: Set A			Set At:	t: Packer At: Liner Run:					No		
Date of First, Resumed Production, SWD or ENHF			۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours			Gas Mcf Wate		er Bbls.		Gas-Oil Ratio	Gravity			
									1		
DISPOSITION OF GAS:			METHOD OF COMPLE					PRODUCTION INTER	RVAL:		
Vented Sold Used on Lease			Open Hole	Perf.	Dually (Submit /		Commingled (Submit ACO-4)				
(If vented, Submit ACO-18.)				Other (Specify)							

G:/102009-00 (SANDRIDGE ENERCY)/SUR/DWG (WELL-PLATS)/ETHAN_JOHN_1-05_SWD/ETHAN JOHN #1-05 SWD.DWG 12/5/2011 11:34:56 AM SA1236



Mid-Continent Conductor, LLC

Invoice

., ___

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	Da	ate of Service	Lease	Name/Legal Desc.	Drilling Rig			
	Joel	Net 60		1/23/2012	Ethan John 1	-5 SWD, Harper Cnty, KS	Tomcat 3			
	Item	Quantity				Description				
20" Pi Rat & Rat H 16" Pi Cellar 6' X 6 Mud a Transj Grout Grout Welde	Mouse Holes ole Shuck ipe ' Hole ' Tinhorn and Water port Truck - Conductor & Trucking Pump er & Materials temoval ' Plate		90 1 20 1 1 1 1 1	Drilled 90 ft. cor Furnished 90 ft. Drilled rat and m Furnished rat ho Furnished 20 ft. Drilled 6' X 6' ce Furnished and se Furnished mud a Transport mud a Furnished grout Furnished grout Furnished velde Furnished labor a Furnished cover Permits	of 20 inch conc nouse holes le shuck of mouse hole p ellar hole et 6' X 6' tinhorn nd water nd water to loca and trucking to pump r and materials and equipment	pipe n ntion location				
				Subtotal						
					Sale	es Tax (0.0%)	\$0.00			
						Total	\$17,080.00			

 Date
 Invoice #

 1/23/2012
 1201

		and the state of the		1				NIL VILLE			
		OB SUM	MAR	Y		SOK1182 02/01/12					
	Kansas										
LEASE NAME		JOB TYPE				Doug Langley					
Ethan John SWD	1-5	Surfac	ce			<u> </u>	C.Big	gbey			
Chris Bigbey								1			
Jared Green											
Larry Kirchner Sr.											
Arthur Setzer											
Form. Name				Callo	d Out	On Locatio	n I	Job Start	ad	Joh Co	mpleted
Packer Type	Set A	t0	Date		2/1/2012	2/1/20)12	2/2/2			2/2012
Bottom Hole Temp. 80	Press	sure				interest of the					
Retainer Depth		Depth 703	Time		1700	2045		0300)	04	400
Tools and Type and Size	Qty	Make			New/Used	Well E Weight		ade Fro	m	То	Max. Allow
Auto Fill Tube	0	IR	Casing			36.0	9 5/8	Surf		703	AND A THOW
Insert Float Val	0	IR	Liner								
Centralizers	0	IR	Liner								
Top Plug HEAD	0	IR IR	Tubing Drill Pi				0				
Limít clamp	0	IR IR	Open H				12 1/4	Surf	ace	700	Shots/Ft.
Weld-A	0	İR	Perfora				12 11-			/00	SHUG/FL
Texas Pattern Guide Shoe	0	IR	Perfora								
Cement Basket Mater		IR	Perfora		nation	Operating	Houro		acarintian	of Job	L
Mud Type		Lb/Gal	Hours		Hours	Operating Date	Hours	-	escription	OF JOD	
Disp. Fluid	Donsity	Lb/Gal	2/1		3.2	2/2	1.0		urface		
Spacer typeBB	L		2/2		5.6						
Spacer type BB Acid Type Gal	L I	_%									
Acid Type Gal	I	_%									
SurfactantGal	I	_ in									
NE Agent Gal Fluid Loss Gal		_in									
	//Lb	_in									
	I/Lb	_in									
MISC. Gal	I/Lb	_In	Total		8.7	Total	1.0				
Perfpac Balls						D					
Other	City.		MAX		1500	AVG.	essures 40	n			
Other					1000	Average					
Other			MAX		6		5				
Other			Feet	40			Left in F				
Other]	reet	42		Reason	Shoe a	•			
			C	ement	Data						
Stage Sacks Cem			Additive						W/Rq.	Yield	Lbs/Gal
1 400 O-Tex Lite :		(6%Gel) 2% Calc				ike -	0.5% C-4	1P	10.88	1.84	12.70
2 180 Stand 3 0 Stand		2% Calcium Chlo 2%Calcium Chlo			elloflake				5.20 5.20	1.18	15.60
		Z //oaicium omo	nde on me	side		******			0.20	1.18	15.60
			Sur	nmary							
Preflush	Type:		4 544		eflush:	BBI	10.0	the second se	/pe:		iter
Breakdown	MAXIN	leiurns-N	1,500 no		ad & Bkdn: cess /Return		50		ad:Bbl -Ga alc.Disp E		51
	Actual		surface		alc. TOC:		surfa		tual Disp		51.00
Average		Gradient	V-			Gal - BBI	465	Di	sp:Bbl		51.00
ISIP5 Min	10 Mir	n15 M	un		ement Slurry: tal Volume	BBI	169				
						501	2001	1			
		\bigcirc		X	$> \Lambda$	-1					
CUSTOMER REPRES	SENTATI	VE NO	no (NO	nder	1/					
			0	(X	SGNATURE					
			~		Û,	0					

COUNTY							HORETDATE	02/09/12		
Harper	Kansas	Sandridge E	xp and Pr	od	CUSTOMER REP Timmie Pursley					
Ethan John SW	D 1-5	JOB TYPE Intermed	iate		EMPLOYEE NAME					
EMPNAME Charles Spracklen										
Robert Burris										
Bryan Douglas		and the second se								
Mark Boethin					at the second					
Form. Name	Type:						·			
Packer Type	Cal At	0		alled Out 2/9/2012	On Locatio 2/9/2	on	Job Started		ompleted	
Packer Type Bottom Hole Temp.	0 Pressi	Ire	Date	2/9/2012	21912	012	2/9/2012	2	/9/2012	
Retainer Depth	Total I ols and Accessorie	Depth 5180	Time	12:00	14:30		17:30	1	9:44	
Too Too	ols and Accessorie	S Adalua	(N	Well I				1	
Type and Size Auto Fill Tube	Qty	Make IR	Casing	New/Use	d Weight 26.0	Size Gi	ade From Surface	To 5,162	Max. Allo	
Insert Float Val	0	IR	Liner		20.0	+	Surrace	0,102		
Centralizers	0	IR	Liner						+	
Top Plug	0	IR	Tubing							
HEAD	0	IR	Drill Pipe			-				
Limit clamp Weld-A	0	IR IR	Open Hol Perforatio			8 3/4	Surface	5,180	Shots/F	
Texas Pattern Guide		IR	Perforatio							
Cement Basket	0	İR	Perforatio	ns					1	
Aud Type	Materials	L MORT	Hours On		Operating		Descri	otion of Jot)	
Disp. Fluid	Density Density BBL.	Lb/Gal	Date 2/9	Hours	Date	Hour	S Interme	ediate		
Spacer type	BBL.									
spacer type	BBL.	1								
Acid Type	Gal.	%								
Surfactant	Gal.	In		· ····						
NE Agent	Gal.	In								
luid Loss	Gal/Lb	In								
Jelling Agent	Gal/Lb	- <u>In</u>								
Acid Type Surfactant NE Agent Fluid Loss Gelling Agent Fric. Red MISC	Gal/Lb	In	Total	0.0	Total	0.0				
Perfpac Balls	Qtv.				Pr	essures				
Other			MAX	2000	AVG.	53				
Jiher			MAY	7	Average	Rates In	BPM			
Other			MAX	/	AVG	t Left in F	Pine			
Diher			Feet 40		Reason					
Stage Sacks	Cement	[Cem Additives	ent Data			L W/D		1 11 10	
1 290 50/5	POZ PREMIUM	4% Gel - 0.4% C-1	2 - 0.1% C-3	7 - 0.5% C-41F	- 2 lb/sk Pher	noseal	W/Ro 6.77		Lbs/Gal	
2 0	0						0 0.00		0.00	
3 0	0						0 0.00	0.00	0.00	
			Summ	any			I		1	
reflush	10 Type:		nustic	Preflush:	BBI	10.		FRESH	WATER	
Ireakdown	MAXIM			Load & Bkdr			Pad:Bb	I-Gal		
	Lost Re	eturns-N		Excess /Ret Calc. T HOC		1.7	Calc.Di 38 Actual		196 192.00	
verage	Frac. G	radient		Treatment:	Gal - BBI		Disp:Bl		192.00	
sie5 Min	10 Min	15 Mi	n	Cement Slur		276				
	r			Total Volume	BBI	210	1			
							1			
CUSTOMER RI	PRESENITATIN	/F								

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/

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner Sam Brownback, Governor

March 08, 2012

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

Re: ACO1 API 15-077-21798-00-00 Ethan John 1-5 SWD NE/4 Sec.05-33S-06W Harper 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

Logo

Back to Well Completion

Ethan John 1-5 SWD (1073590)

Actions	Attachments	
View PDF Delete	Two Year Confidentiality OPERATOR	View PDF Delete
Edit Certify & Submit	Plat OPERATOR	View PDF Delete
Request Confidentiality	Wellbore Diagram OPERATOR	View PDF Delete
	Cementing Reports OPERATOR	View PDF Delete
		Add Attachment

Remarks

Remarks to KCC		

Remarks

Tiffany Golay 03/08/012 10:19 am	Cementing: Conductor weight= 94 lbs/ft and Mid-Continent used 11 yards of grout (does not track sacks used)
Tiffany Golay 03/08/012 10:17 am	Waste Mgmt: 2700bbls hauled to soil farm by APSS soil farming. Hauled to NE1/4, Sec 6, TWP. 28N, 8W Alfalfa Co.OK. 4000bbls hauled to disposal. Operator: Richard Gray Mud Disposal. SW1/4, Sec 15, TWP 24N, 7W in Garfield Co. OK

