Confidentiality Requested: Yes No

Kansas Corporation Commission 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 #	API No. 15		
Name:	Spot Description:		
Address 1:	SecTwpS. R 🔲 East 🗌 West		
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:	Datum: NAD27 NAD83 WGS84		
Wellsite Geologist:			
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #:		
New Well Re-Entry Workover	Field Name:		
	Producing Formation:		
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Amount of Surface Pipe Set and Cemented at: Feet		
☐ OG ☐ GSW ☐ Temp. Abd.			
CM (Coal Bed Methane)			
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 Producer	(Data must be collected from the Reserve Pit)		
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls		
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 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 III Approved by: Date:

Operator Name:			Lease Name:			_ Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	now important tops of fo ving and shut-in pressu o surface test, along w	ıres, whether shut-in	pressure reached sta	atic level, hydrosta	atic pressures, bo		
	g, Final Logs run to ob ed in LAS version 2.0 o				ailed to kcc-well-l	ogs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes No			og Formation (Top), Depth and Datum Samp		
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Na	me		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			NG RECORD	New Used	tion etc		
Durance of String	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		ADDITIO	NAL CEMENTING / SC	UEEZE RECORD)		
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	# Sacks Used Type and Percent Additives			
Perforate Protect Casing							
Plug Back TD Plug Off Zone							
Did you perform a hydra	ulic fracturing treatment or	n this well?		Yes	No (If No, si	kip questions 2 ar	nd 3)
	otal base fluid of the hydra	=	=			kip question 3)	
Was the hydraulic fractur	ring treatment information	submitted to the chemi	ical disclosure registry?	Yes	No (If No, fil	I out Page Three	of the ACO-1)
Shots Per Foot		N RECORD - Bridge Footage of Each Interval			acture, Shot, Cemer Amount and Kind of M		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No)	
Date of First, Resumed	Production, SWD or ENH			701"	O41		
Estimated Production	Oil B	bls. Gas			Other <i>(Explain)</i> Bbls.	Gas-Oil Ratio	Gravity
Per 24 Hours	Oii B	uis. Gas	IVICI VV	alei E	JUIO.	uas•∪ii ⊓dli0	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMP	LETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dua	lly Comp. Co	mmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify	•	it ACO-5) (Sub	omit ACO-4)		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jill SWD 3406 1-8
Doc ID	1256044

Tops

Name	Тор	Datum
Base Heebner	3270	-1962
Tonkawa	3644	-2336
Cottage Grove	3902	-2594
Oswego Limestone	4225	-2917
Cherokee Group	4350	-3042
Mississippi Unconformity	4575	-3267
Mississippi	4600	-3292
Kinderhook Shale	4950	-3642
Woodford	5014	-3706
Viola Limestone/Dolomite	5044	-3736
Simpson	5065	-3842
Arbuckle Group	5246	-3938



Harper

Current

Spud Date 2/25/2013

Wellbore Schematic

Original Completion ()

Current X

Workover

Proposed

| State | KS | Well | JILL SWD 3406 1-8 | SH Location | SEC 8, TWP 343, RNG 6W | SEC 8, TWP 345, RNG 6W | SEC 8, TWP 345,

County

15-077-21910 **API No.**

Hole

Well Bore Data	MD	TVD
0* 75# Conductor Pipe	90	
7 jts 10-3/4" 45.5# J-55 csg @	700	
5.5# J-55: Cplg OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Inte mt'd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs	rnal Yield=3580	
.5.5# J-55: Cpig OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Inte .mt'd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs std @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf.		
.5# J-55: Cpig OD =11.46* ID=9.95 Drift=9.794 Collapse= 2090 Inte ntd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf.	Length To	
5# J-55: Cplg OD =11.46* ID=9.95 Drift=9.794 Collapse= 2090 Inte ntd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf.		p 0 17
.5# J-55: Cpig OD =11.46* ID=9.95 Drift=9.794 Collapse= 2090 Inte nt'd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf. 3 t of 5-1/2* 15.5# J-55 LT&C IPC	Length To	0
i.5# J-55: Cpig OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Intent of wid 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf. Barrier of the first of th	Length To 17 10	0 17
i.5# J-55: Cpig OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Inte mtd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf. British of the state of the	Length To 17 10 32	0 17 27
B It of 5-1/2* 15.5# J-55 LT&C IPC IPC style IPC	Length To 17 10 32 20	0 17 27 59
i.5# J-55: Cpig OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Intent of wid 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf. 3 It of 5-1/2" 15.5# J-55 LT&C IPC 1/2" 15.5# J-55 LT&C IPC subs (10', 8' & 2') 9 is of 5-1/2" 15.5# J-55 LT&C IPC tbg 12" X 5-1/2" Chrome XO 1/2" OD AS S& NC On/Off tool w/ 2.813" profile	Length To 17 10 32 20 5293	0 17 27 59 79
5.5# J-55: Cpig OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Inte nt'd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf. 3 to f 5-1/2" 15.5# J-55 LT&C IPC 1/2" 15.7# J-55 LT&C IPC 1/2" 15.7# J-55 LT&C IPC 1/2" 17.2" OD AS S& NC On/Off tool w/ 2.813" profile 1/2" X 7-5/8" 2.920" ID AS1-X SS and NC packer w/ carbide slips	Length To 17 10 32 20 5293 2	0 17 27 59 79 5372
3.5# J-55: CpIg OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Inte mtd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs d @ 15.6 ppg (Yield=1.2). Bmpd plug, plug held, rets to surf. 3. it of 5-1/2" 15.5# J-55 LT&C IPC 11/2" 15.5# J-55 L	Length To 17 10 32 20 5293 2 8	0 17 27 59 79 5372 5374
5.5# J-55: Cplg OD =11.46" ID=9.95 Drift=9.794 Collapse= 2090 Inte mt'd w/ 240 sxs Hal Lite @ 12.4 ppg (Yield=2.1), followed by 320 sxs	Length To 17 10 32 20 5293 2 8 8	0 17 27 59 79 5372 5374 5382

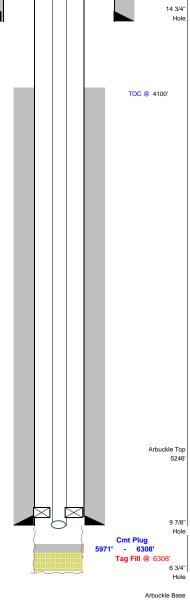
	Well History						
Date	Operations Summary						
6/13/2013	Passed MIT						
11/27/2013	Acid Treatument/ 120bbls 15% gelled acid & flushed surf lines w/ 10 bbls frwtr.						
2/28/2015	KCC on loc. RIH w/ 1-1/2" smpl bir, tagged PBTD @6249'.						
6/11/2015	RIH w/ CT tag 6308' pump 40 sks class H cement						
6/12/2015	RIH w/ SL tag 5971'						

	5371'	
131 jts 7-5/8" 29.7# L-80 csg	1'	5371'
Float Collar	1'	5372'
1 jt 7" 26# J-55 BTC	38'	5373'
24.5# 13Cr-80 LT&C Csg @	1'	5411'
shoe	0'	5412'

29.7# L-80: Cplg OD =8.010" ID=6.875 Drift=6.75 Collapse= 4790 Internal Yield=6890

Cmt'd w/ 260 sxs POZ 50/50 mixed at 13.6 ppg (Yield=1.44). Full rets.

TD @ 6,427'





Daily Operations JILL SWD 3406 1-8

123 Robert S. Kerr Ave. Oklahoma City, OK 73102

Report Date: 6/13/2015, Report # 4, DFS: 838.19

l	Corporate ID		API No. Operated?			Operator				Current Well Status	Working Int (%)		
l	123689		15077	21910000	00	Yes		SANDRIDGE EXPLORATION AND PRODUCTION LLC				SERVICE	72.738400
П	Well Type		Well Co	nfig	Dual Completion	? Division	1	Subdivision	State	County/Parish	District	Well Sub-Status	NRI (%)
l	DEVELOP	MENT	SWD		No	MIDC	ON	DEVELOPMENT	KS	HARPER		SWD	.000000
П	Township	Twnshp	N/S Dir	Range	Range E/W Dir	Section	Section Suf	Field Name					
l	34	5	S	6	W	8		EASTHAM					

Daily Operations

Report Start Date 6/12/2015 05:00 Report End Date 6/13/2015 05:00

Operations at Report Time

Operations Summary

RIH w/ SL & tag @5971' KB, FINAL REPORT
Operations Next 24 Hours

TOTP

Daily Contacts

Job Contact

Time Lo	Time Log										
Start Time	End Time	Dur (hr)	Cum Dur (hr)	ladc Code	Category	Dpth Start (ftKB)	Dpth End (ftKB)	Description			
05:00	08:00	3.00	3.00					WSI			
	09:00	1.00						HSM JSA, MIRU SLU, RIH & tag cmt @ 5971' w/ Ken Scolffiled (KCC) rep as witness, POOH, RDMO SLU. KCC witness- Ken Scolffield Tag cmt - 5971' KB			
09:00	05:00	20.00	24.00					TOTP			

Summary of Changes

Lease Name and Number: Jill SWD 3406 1-8

API/Permit #: 15-077-21910-00-00

Doc ID: 1256044

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	06/13/2013	06/25/2015
CasingAdd_Type_PctP DF_1		NA
CasingPurposeOfString PDF_2	surface	Surface
CasingSizeHoleDrilledP DF_1	32	30
Cementing Purpose Plug Back TD	No	Yes
CementingDepth1_PDF	-	5971-6308
CementingDepthBase1		6308
CementingDepthTop1		5971
Fracturing Question 1		No
LocationInfoLink	https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=8&to	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=8&to

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Number Of Sacks Used for Cementing /		260
Squeezing- Line 1 Operator's Contact Name	Wanda Ledbetter	Tiffany Golay
Operator's Phone	429-5500	429-6543
Plug Back Total Depth		5971
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 37613	//kcc/detail/operatorE ditDetail.cfm?docID=12 56044
Type Of Cement Used for Cementing / Squeezing - Line 1	3/013	Poz 50/50

Summary of Attachments

Lease Name and Number: Jill SWD 3406 1-8

API: 15-077-21910-00-00

Doc ID: 1256044

Correction Number: 1

Attachment Name

WBD



CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

1137613

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:	SecTwpS. R
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 #	County:
Name:	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:
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:	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: sx cmt
Operator:	5 111 51 111
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 Conv. to GSW Plug Back: Plug Back Total Depth	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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:	