CORRECTION #1

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

1309524

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:	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 yes, show depth set: Feet				
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:				
Operator:	feet depth to:w/sx cmt.				
Well Name:	sx cm.				
Original Comp. Date: Original Total Depth:					
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Bata mast be conceiled norm the reserve rity)				
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 #:	O construction of the cons				
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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

Confidentiality Requested:

Yes No

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 and flow rates if gas to Final Radioactivity Log	ing and shut-in pressur o surface test, along wit g, Final Logs run to obt	rmations penetrated. D res, whether shut-in pre th final chart(s). Attach ain Geophysical Data a r newer AND an image f	ssure reached station extra sheet if more and Final Electric Lo	c level, hydrosta space is needed	tic pressures, bo d.	ottom hole tempe	erature, fluid recovery,
Drill Stem Tests Taken (Attach Additional S		Yes No	L	og Formatic	on (Top), Depth a	and Datum	Sample
Samples Sent to Geol	ogical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-c	onductor, surface, inte	rmediate, producti	on, 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 / COL	FEZE DECODO			
Purpose:	Depth	Type of Cement	# Sacks Used	EEZE RECORD	Type and	Percent Additives	
Perforate Protect Casing Plug Back TD	Top Bottom	туро от солтолк	" Cache Good		Type and	T Groom Additives	
Plug Off Zone							
Does the volume of the to	-	this well? ulic fracturing treatment excubmitted to the chemical of	_		No (If No, s	kip questions 2 an kip question 3) Il out Page Three (
Shots Per Foot		N RECORD - Bridge Plugs otage of Each Interval Perf			cture, Shot, Cemer		d Depth
	Зреслу Го	otage of Each filterval Fehr	Orateu	(Al	nount and Kind of N	lateriai Oseu)	Берш
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No	D.	
Date of First, Resumed	Production, SWD or ENHI	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bb		Mcf Wate			Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	N/	ETHOD OF COMPLE	TION.		PRODUCTIO	ON INTERVAL:
Vented Sold		Open Hole		Comp. Cor	nmingled mit ACO-4)	. 110000110	THE THE
(If vented, Sub	omit ACO-18.)	Other (Specify)	,		´ _		

Form	ACO1 - Well Completion		
Operator	Tailwater, Inc.		
Well Name	West Wittman 11-IW		
Doc ID	1309524		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
surface	9.8750	7	17	24	Portland	6	
completion	5.6250	2.8750	6.45	732	Portland	93	50/50 POZ

Summary of Changes

Lease Name and Number: West Wittman 11-IW

API/Permit #: 15-003-25952-00-00

Doc ID: 1309524

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value		
Approved By	NAOMI JAMES	Karen Ritter		
Approved Date	10/21/2013	06/16/2016		
Fracturing Question 1		No		
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform	https://kolar.kgs.ku.edu kcc/detail/locationInforn		
Perf_Depth_1	ation.cfm?section=15&t	ation.cfm?section=15&t 682'		
Perf_Record_1		672' - 682'		
Perf_Shots_1		2		
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11	//kcc/detail/operatorE ditDetail.cfm?docID=13		
Tubing Set At	57108 732	09524		
Tubing Size	2.8750			



CONFIDENTIAL

Kansas Corporation Commission Oil & Gas Conservation Division

1157108

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

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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.):	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:	
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 Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: License #: Quarter Sec Twp S. R East West
ENHR Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or	. 5
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 I II Approved by: Date: