Confider	ntiality F	Requested:
Yes	No	

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1309169

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 & LEASI	WELL HISTO	RY - DESCRI	PTION OF W	ELL & 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.xxxx) (e.gxxx.xxxx)				
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 ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:				
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
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)				
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:	Dewatering method used:				
Dual Completion Permit #: SWD Permit #:	Logation of fluid dianopal if hould offeite:				
ENHR Permit #:	Location of fluid disposal if hauled offsite:				
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

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

1309169

Operator Nar	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 Ye (Attach Additional Sheets)		es 🗌 N	10			Log Forn	nation (Top)), Depth an	d Datum		Sample		
Samples Sent to Geological Survey		ne			Тор	I	Datum						
Cores Taken Electric Log Run				es 🗌 N es 🗌 N									
List All E. Logs Run:													
			Repo			RECORI onductor,		lew Used termediate, pro	duction, etc.				
Purpose of String		Size Hole Drilled		e Casing t (In O.D.)			/eight s. / Ft.	Setting Depth		ype of Cement	# Sacks Used		and Percent
		Brillou					0.711.	Bopin			0000		
						05451							
ADDITIONAL CEMENTING / SQU Purpose: Depth Type of Cement # Sacks Used								ercent Additives					
Perforate Top Bottom		Туре	e of Cement # Sacks Used				Type and P	ercent Additives					
Protect Casing Plug Back TD Plug Off Zana													
Plug Off Zone													
Did you perform a hydra		-						Yes	No		o questions 2 an	id 3)	
Does the volume of the Was the hydraulic fractu		-		-			-	s? Yes	No No		o question 3) out Page Three (of the AC	O-1)
-		PERFORATI									Squeeze Record		- ,
Shots Per Foot			Footage of							d Kind of Ma			Depth
TUBING RECORD:	Si	ze:	Set At:			Packer	· At:	Liner Run:	Yes	No			
Date of First, Resumed	d Product	tion, SWD or EN	IHR.	Producing	•		-i						
Estimated Production		Oil	Bbls.	Flowin Gas		Pum Mcf		Gas Lift	Other (Ex Bbls.		ias-Oil Ratio		Gravity
			2013.	l Gas			vvc		0013.	C			anavity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
Vented Sold Used on Lease	Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)	
(If vented, Submit ACO-18.)	Other (Specify)	

Per 24 Hours

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	West Wittman 5-IW
Doc ID	1309169

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.8750	7	17	24	Portland	6	POZ
Production	5.6250	2.8750	6.45	710	Portland	103	50/50 POZ

Summary of Changes

Lease Name and Number: West Wittman 5-IW API/Permit #: 15-003-25949-00-00 Doc ID: 1309169 Correction Number: 1 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	10/21/2013	06/14/2016
CasingAdd_Type_PctP DF_1		POZ
CasingPurposeOfString PDF_1	surface	Surface
CasingPurposeOfString PDF_2	completion	Production
Fracturing Question 1		No
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform	https://kolar.kgs.ku.edu/ kcc/detail/locationInform
Save Link	ation.cfm?section=15&t //kcc/detail/operatorE ditDetail.cfm?docID=11	ation.cfm?section=15&t //kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Set At	57060 710	09169
Tubing Size	2.8750	



CONFIDENTIAL WELL COMPLETION FORM

1157060

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

HISTODY .	DESCRIPTION		8 1 5 4 5 5
HISTORT -	DESCRIPTION	OF WELL	a 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 Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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: Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to:
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	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: License #:
SWD Permit #:	Quarter Sec TwpS. R East West
ENHR Permit #: 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: