Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1309173

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

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:				
$\Box Gas \qquad \Box D&A \qquad \Box ENHB \qquad \Box SIGW$	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)				
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       Recompletion Date     Recompletion Date	Quarter Sec TwpS. R East West           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

1309173

Operator Name:	Lease Name:	_ Well #:	
Sec TwpS. 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 Taker (Attach Additional S		Yes No		0	ion (Top), Depth an		Sam	
Samples Sent to Geo	logical Survey	Yes No	Nam	e		Тор	Datu	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING Report all strings set-c	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 F Additiv	
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORI	)			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Sacks Used Type and Percent Additi		ercent Additives		
Protect Casing								
Plug Off Zone								
Did you perform a hydrau	ulic fracturing treatment of	on this well?		Yes	No (If No, skip	o questions 2 an	nd 3)	
		raulic fracturing treatment ex		? Yes		o question 3) out Page Three	of the ACO-1)	
Shots Per Foot	Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth
						,		

TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R		No	
Date of First, Resumed Production, SWD or ENHR.			<b>}</b> .	Producing Me	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD OF COMPLE			TION:	_	PRODUCTION IN	ITERVAL:	
Vented Sold Used on Lease					Uually (Submit A	Comp. Commingled ACO-5) (Submit ACO-4)				
			Other (Specify)							

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

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	West Wittman 9-IW
Doc ID	1309173

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.8750	7	17	21	Portland	6	POZ
Production	5.6250	2.8750	6.45	754	Portland	115	50/50 POZ

## Summary of Changes

Lease Name and Number: West Wittman 9-IW API/Permit #: 15-003-25302-00-00 Doc ID: 1309173 Correction Number: 1 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	03/14/2013	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	24339 754	09173
Tubing Size	2.8750	