Confidentiality Requested:

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1268290

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 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 #		GPS Location: Lat:, Long:, (e.gxxx.xxxxx) (e.gxxx.xxxxxx)		
Name:		Datum: NAD27 NAD83 WGS84		
Wellsite Geologist:		County:		
Purchaser:		Lease Name: Well #:		
Designate Type of Completion:		Field Name:		
New Well Re-Entry	Workover	Producing Formation:		
	SIOW	Elevation: Ground: Kelly Bushing:		
Gas D&A ENH	R SIGW	Total Vertical Depth: Plug Back Total Depth:		
OG GSW	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet		
CM (Coal Bed Methane)				
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	al Total Depth:			
	o GSW	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)		
Commingled Permit #:		Chloride content: ppm Fluid volume: bbls		
		Dewatering method used:		
		Location of fluid disposal if hauled offsite:		
ENHR Permit #:				
GSW Permit #:		Operator 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

1268290

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 Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth and	d Datum	Sample
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		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 / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic fracturing treatment on this well?				Yes	No (If No, skip	o questions 2 and	d 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000					question 3)	(# 400.4)	
Was the hydraulic fracturing treatment information submitted to the chemical disclosure regi			aisciosure registry?	Yes	No (If No, fill c	out Page Three o	t the ACO-1)
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Perf			cture, Shot, Cement S nount and Kind of Mat		Depth

TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner Ru	in:	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	٦.	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF (GAS:			METHOD		TION:		PRODUCTION INT	ERVAL:
Vented Solo	Sold Used on Lease Ope		Open Hole Perf. Dually (Submit A		Comp. Commingled (Submit ACO-4)					
(If vented, Su	bmit ACC	D-18.)		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 Whiteside 7-T
Doc ID	1268290

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.8750	7	25	24	Portland	6	
Completio n	5.6250	2.8750	6.45	722	Portland	110	50/50 POZ

Summary of Changes

Lease Name and Number: West Whiteside 7-T API/Permit #: 15-003-26053-00-00 Doc ID: 1268290 Correction Number: 1 Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	04/03/2014	10/20/2015
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11	//kcc/detail/operatorE ditDetail.cfm?docID=12
Well Type	97680 OIL	68290 EOR



Confidentiality Requested:

CONFIDENTIAL

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1197680

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

WELL COMPLETION FORM

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:
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? 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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #: GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Soud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or 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:			