Kansas Corporation Commission Confidentiality Requested: OIL & GAS CONSERVATION DIVISION Yes No

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.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD □ SIOW	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 #:	Location of fluid diagonal if bouled offsite.
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	Quarter Sec TwpS. R
Recompletion Date  Recompletion Date  Recompletion Date	Countv: 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:



1305796 CORRECTION #1

Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. Eures, whether shut-in predict final chart(s). Attach	essure reached stati	c level, hydrosta	atic pressures, bott		
		otain Geophysical Data a or newer AND an image		ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes No			on (Top), Depth an		Sample
Samples Sent to Geol	logical Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	ew Used			
			conductor, surface, inte		ion, 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 / SQL	JEEZE RECORD			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives			
Did you perform a hydrau	ulic fracturing treatment o	n this well?		Yes	No (If No, ski	p questions 2 aı	nd 3)
Does the volume of the to	otal base fluid of the hydr	aulic fracturing treatment ex	_	= :	No (If No, ski	p question 3) out Page Three	
Shots Per Foot	PERFORATIO Specify F	N RECORD - Bridge Plug ootage of Each Interval Per	s Set/Type forated		cture, Shot, Cement mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	HR. Producing Meth		Gas Lift (	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	Open Hole		Comp. Comp.	mmingled	PRODUCTIO	ON INTERVAL:
	bmit ACO-18.)	Other (Specify)	(Submit )	4CO-5) (Sub	omit ACO-4)		

Form	ACO1 - Well Completion	
Operator	Tailwater, Inc.	
Well Name	North Kempnich 20-IWU	
Doc ID	1305796	

## 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	22	Portland	5	
Copmpleti on	5.6250	2.8750	6.45	659	Portland	96	50/50 POZ

## **Summary of Changes**

Lease Name and Number: North Kempnich 20-IWU

API/Permit #: 15-003-26244-00-00

Doc ID: 1305796

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	11/03/2014	05/05/2016
Footages Reference Corner	NW	SE
Is Footage Measured from the East or the	West	East
West Section Line LocationInfoLink	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=22&t	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=22&t
NorthSouthFromRefere nce	North	South
Number of Feet East or West From Section Line	2015	3188
Number of Feet North or South From Section	1845	3490
Line Perf_Depth_1		642'
Perf_Material_1		Shot

# Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Perf_Record_1		637'-642'
Perf_Shots_1		2
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 30473	//kcc/detail/operatorE ditDetail.cfm?docID=13 05796



Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1230473

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

# CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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Original Comp. Date: Original T		
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	SSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	<del>_</del>	Chloride content:ppm Fluid volume:bbls
Commingled Permit #:		Dewatering method used:
		Downtoning monted accor.
		Location of fluid disposal if hauled offsite:
		Operator Name:
GSW Permit #:		Lease Name: License #:
Canad Data as Data Data LTD	Completion Data are	Quarter Sec Twp S. R
Spud Date or Date Reached TD Recompletion Date	Completion Date or Recompletion Date	County: Permit #:

#### **AFFIDAVIT**

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**Submitted Electronically** 

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date: