CORRECTION #2

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

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		
Address 2:		Feet from North / South Line of Section		
City: State: Z	ip:+	Feet from East / West Line of Section Footages Calculated from Nearest Outside Section Corner:		
Contact Person:				
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:		
		Producing Formation:		
Oil WSW SWD	SIOW	Elevation: Ground: Kelly Bushing:		
☐ Gas ☐ D&A ☐ ENHR ☐ OG ☐ GSW	☐ SIGW	Total Vertical Depth: Plug Back Total Depth:		
☐ OG ☐ GSW ☐ CM (Coal Bed Methane)	Temp. Abd.	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 T				
Deepening Re-perf. Conv. to E	<u>.</u>	Drilling Fluid Management Plan		
	SSW Conv. to Producer	(Data must be collected from the Reserve Pit)		
	_	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

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:



1309141 CORRECTION #2

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R [East West	County:				
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to s	g and shut-in pressur	res, whether shut-in pre	essure reached stat	tic level, hydrosta	tic pressures, bo		
Final Radioactivity Log, files must be submitted				ogs must be ema	iled to kcc-well-lo	ogs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		· ·	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	☐ Yes ☐ No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
				ew Used			
	Size Hole	Report all strings set-o	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		ADDITIONAL	CEMENTING / SQ	UEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and	Percent Additives	
Perforate Protect Casing							
Plug Back TD Plug Off Zone							
Flug Oli Zolle							
Did you perform a hydraulic	fracturing treatment on	this well?		Yes	No (If No, sk	kip questions 2 ar	nd 3)
Does the volume of the total	l base fluid of the hydra	ulic fracturing treatment ex	ceed 350,000 gallons	? Yes	No (If No, sk	(ip question 3)	
Was the hydraulic fracturing	treatment information s	submitted to the chemical	disclosure registry?	Yes	No (If No, fil	l out Page Three	of the ACO-1)
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record						
	Specify Fo	otage of Each Interval Per	forated	(Ar	mount and Kind of M	aterial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No	1	
Date of First, Resumed Pr	oduction, SWD or ENH	R. Producing Meth	nod:	Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil Bb	ols. Gas	Mcf Wa	ter Bl	bls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		METHOD OF COMPL	ETION:		PRODUCTION	ON INTERVAL:
Vented Sold	Used on Lease	Open Hole	Perf. Duall	y Comp. Con	nmingled		
(If vented, Subm		Other (Specify)	(Submit	ACO-5) (Subi	mit ACO-4)		

Form	ACO1 - Well Completion	
Operator	Tailwater, Inc.	
Well Name	North Kempnich 13-IWU	
Doc ID	1309141	

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	23	Portland	5	POZ
Production	5.6250	2.8750	6.45	638	Portland	92	50/50 POZ

Summary of Changes

Lease Name and Number: North Kempnich 13-IWU

API/Permit #: 15-003-26237-00-00

Doc ID: 1309141

Correction Number: 2

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	04/28/2016	06/13/2016
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13	//kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Set At	04544 638	09141
Tubing Size	2.5875	

Confidentiality Requested: Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

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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		
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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		
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	QuarterSecTwpS. R East West		
Recompletion Date Recompletion Date	County: Permit #:		

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Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1230497

Form ACO-1
August 2013
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