Confidentiality Requested:

CORRECTION #2

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1309146

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 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:		
New Well Re-Entry Workover			
	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? 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 #: 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 East West		
Recompletion Date Reached TD Recompletion Date of 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 #2

1309146

Operator Na	erator Name:		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	l	Yes No		Log For	mation (Top), Depth a	nd Datum	Sample
(Attach Additional S							
Samples Sent to Geol	ogical Survey	Yes No		lame		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c		New Usec			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth		# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / S	SQUEEZE REC	ORD		
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	ks Used Type and Percent Additives			
Protect Casing Plug Back TD							
Plug Off Zone							
	otal base fluid of the hydr	n this well? aulic fracturing treatment ex a submitted to the chemical c			No (If No, sk	ip questions 2 ar ip question 3) out Page Three	
Shots 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)			d Depth

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

Packer At:

Pumping

Mcf

Producing Method:

Flowing

Gas

Liner Run:

Gas Lift

Water

No

Gas-Oil Ratio

Gravity

Yes

Bbls.

Other (Explain)

TUBING RECORD:

Estimated Production

Per 24 Hours

Size:

Oil

Date of First, Resumed Production, SWD or ENHR.

Set At:

Bbls.

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	North Kempnich 30-IWM
Doc ID	1309146

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	726	Portland	107	50/50 POZ

Summary of Changes

Lease Name and Number: North Kempnich 30-IWM API/Permit #: 15-003-26256-00-00 Doc ID: 1309146 Correction Number: 2 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	04/21/2016	06/14/2016
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13	//kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Set At	04547 726	09146
Tubing Size	2.8750	

CORRECTION #1

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1304547

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

__ Feet

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	Sec TwpS. R East West
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 #	
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover Oil WSW SWD SION Gas D&A ENHR SIGN OG GSW Temp CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator:	V Elevation: Ground: Kelly Bushing: D. Abd. Total Vertical Depth: Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from:
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to Plug Back Conv. to GSW Conv. to	SWD Drilling Fluid Management Plan
Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Dewatering method used:
ENHR Permit #: GSW Permit #:	Operator Name:

Spud Date or **Recompletion Date**

Confidentiality Requested:

ONFIDENT

Δ

Yes No

Date Reached TD

Completion Date or **Recompletion Date**

Chloride content: ppm Fluid volume:	bbls
Dewatering method used:	
Location of fluid disposal if hauled offsite:	
Operator Name:	
Lease Name: License #:	
	¬

Quarter _ Sec. ___ ____ Twp.__ _S. 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.

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UIC Distribution
ALT I II III Approved by: Date:



KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1230500

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

East West

South Line of Section

West Line of Section

(e.g. -xxx.xxxxx)

E	N		Α	L	WELL	COMPLE	ΓΙ
			347			DECODIDTI	~

Confidentiality Requested:

ONFID

Yes No

ON FORM •

WELL HISTORY - DES	CRIPTION OF WELL & LEASE
OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South
City: State: Zip:+	Feet from East / West
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CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.g. xx.xxxxx) (e.g. xx.xxxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:

Name:	
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion: New Well Re-Entry Workover Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (<i>Coal Bed Methane</i>) Cathodic Other (<i>Core, Expl., etc.</i>): If Workover/Re-entry: Old Well Info as follows: Operator:	Lease Name: Well #: Field Name: Producing Formation: Producing Formation: Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes If yes, show depth set: Feet If Alternate II completion, cement circulated from: Feet
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