CORRECTION #3

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Confidentiality Requested:

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
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) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
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)
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 #:

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.

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:



1306433 CORRECTION #3

Operator Name:				Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
open and closed, flowing and flow rates if gas to	ng and shut-in pressu surface test, along w	res, whe	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrost space is neede	atic pressures, b ed.	ottom hole tempe	erature, fluid recovery,
Final Radioactivity Log files must be submitted	-					gs must be em	alled to kcc-well-	logs@kcc.ks.gov	v. Digital electronic lo
Drill Stem Tests Taken (Attach Additional S	heets)	Ye	es No				ion (Top), Depth		Sample
Samples Sent to Geold	ogical Survey	Ye	es 🗌 No		Nam	е		Тор	Datum
Cores Taken Electric Log Run		Y∈ Y∈							
List All E. Logs Run:									
		Beno	CASING ort all strings set-o	RECORD	Ne		etion etc		
Purpose of String	Size Hole	Siz	e Casing	Wei	ght	Setting	Type of	# Sacks	Type and Percent
	Drilled	Set	t (In O.D.)	Lbs.	Ft.	Depth	Cement	Used	Additives
			ADDITIONAL	CEMENTII	NG / SQL	EEZE RECORU)		
Purpose: Perforate Protect Casing	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Plug Back TD Plug Off Zone									
Did you perform a hydraul Does the volume of the to Was the hydraulic fracturir	tal base fluid of the hydra	ulic fractu	ıring treatment ex		•	Yes Yes Yes	No (If No, s	skip questions 2 ar skip question 3) fill out Page Three	,
Shots Per Foot			RD - Bridge Plug Each Interval Perl				acture, Shot, Ceme Amount and Kind of I		d Depth
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:			
Date of First, Resumed F	Production, SWD or ENH	R.	Producing Meth	nod:			Yes N	io	
Estimated Production Per 24 Hours	Oil B	bls.	Flowing Gas	Pumpin Mcf	g		Other <i>(Explain)</i> Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease		NDpen Hole	METHOD OF	_	Comp. Co	ommingled bmit ACO-4)	PRODUCTIO	ON INTERVAL:

Form	ACO1 - Well Completion	
Operator	Tailwater, Inc.	
Well Name	North Kempnich 11-IWU	
Doc ID	1306433	

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	
Completio n	5.6250	2.8750	6.45	666	Portland	95	50/50 POZ

Summary of Changes

Lease Name and Number: North Kempnich 11-IWU

API/Permit #: 15-003-26235-00-00

Doc ID: 1306433

Correction Number: 3

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	05/05/2016	05/12/2016
Perf_Depth_1		648'
Perf_Material_1		Shot
Perf_Record_1		644'-648'
Perf_Shots_1		2
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13 05790	//kcc/detail/operatorE ditDetail.cfm?docID=13 06433

CORRECTION #2

Confidentiality Requested:

Yes No

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: Zip:+	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:
	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: Fee
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: Fee
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: w/ sx cm
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 #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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.

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

Confidentiality Requested:

Yes No

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 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: ()		□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:		
	SIOW	Producing Formation:		
Oil WSW SWD		Elevation: Ground: Kelly Bushing:		
☐ Gas ☐ D&A ☐ ENHR ☐ GSW	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:		
CM (Coal Bed Methane)	iemp. 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 Total				
☐ Deepening ☐ Re-perf. ☐ Conv. to ENH	R 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		
_		Dewatering method used:		
		Location of fluid disposal if hauled offsite:		
GSW Permit #:		Operator Name:		
		Lease Name: License #:		
Spud Date or Date Reached TD C	Completion Date or	Quarter Sec. Twp. S. R. East West		
•	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.

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



Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1229857

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

OPERATOR: License #		API No. 15
Name:		Spot Description:
Address 1:		SecTwpS. 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: ()		□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 #:
	□ Mandana a	Field Name:
New Well Re-Entry	Workover	Producing Formation:
Oil WSW SWD	SIOW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR	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 Tot	al Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EN	HR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GS'	W Conv. to Producer	(Data must be collected from the Reserve Pit)
Companies alord Powerit #		Chloride content:ppm Fluid volume: bbls
		Dewatering method used:
		Location of fluid disposal if hauled offsite:
		Operator Name:
		Lease Name: License #:
Spud Date or Date Reached TD	Completion Date or	Quarter Sec TwpS. R
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.

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