Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1309133

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 Sect			
City:	State: Z	p:+	Feet from East / West Line of Sect			
Contact Person:			Footages Calculated from Nearest Outside Section Corner:			
Phone: ()						
CONTRACTOR: License #			GPS Location: Lat:, Long:			
Name:			(e.g. xx.xxxx) (e.gxxx.xxxxx)			
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84			
Purchaser:			County:			
			Lease Name: Well #:			
Designate Type of Completion:	— .		Field Name: Producing Formation: Elevation: Ground: Kelly Bushing:			
New Well	e-Entry	Workover				
	SWD	SIOW				
Gas D&A		SIGW	Total Vertical Depth: Plug Back Total Depth:			
☐ OG	GSW	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Fr			
CM (Coal Bed Methane)						
Cathodic Other (Co			Multiple Stage Cementing Collar Used? Yes No			
If Workover/Re-entry: Old Well I	nfo as follows:		If yes, show depth set: Fe			
Operator:			If Alternate II completion, cement circulated from:			
Well Name:			feet depth to:w/sx c			
Original Comp. Date:	Original T	otal Depth:				
Deepening Re-per	. Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan			
Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from the Reserve Pit)			
	Pormit #		Chloride content: ppm Fluid volume: b			
Commingled Dual Completion			Dewatering method used:			
Dual Completion Permit #: SWD Permit #:			Location of fluid disposal if hauled offsite:			
			Location of huld disposal in hadred offsite.			
			Operator Name:			
			Lease Name: License #:			
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec Twp S. R East W			
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 #3

1309133

Operator 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 (Attach Additional Sheets)		Yes No	L	Log Formation (Top), Depth and Datum		Sample	
Samples Sent to Geological Survey		Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c			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	Depth Top Bottom	Type of Cement # Sacks		Type and Percent Additives			
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic fracturing treatment on this well? Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,00				Yes ? Yes		o questions 2 an o question 3)	ad 3)
Was the hydraulic fractu	ring treatment information	n submitted to the chemical o	lisclosure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)
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) Depth			

			Flowing	Pump	oing Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bb	ols.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:		METHOD OF COMPLETION:			PRODUCTION IN	TERVAL:		
Vented Sold Used on Lease						Commingled (Submit ACO-4)		
			Other (Specify)					

Packer At:

Producing Method:

Liner Run:

Yes

No

TUBING RECORD:

Size:

Date of First, Resumed Production, SWD or ENHR.

Set At:

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	North Kempnich 5-IWU
Doc ID	1309133

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	POZ
Production	5.6250	2.8750	6.45	706	Portland	90	50/50 POZ

Summary of Changes

Lease Name and Number: North Kempnich 5-IWU API/Permit #: 15-003-26229-00-00 Doc ID: 1309133 Correction Number: 3 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	04/21/2016	06/13/2016
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13	//kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Set At	04549 706	09133
Tubing Size	2.8750	

CORRECTION #2

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

1304549

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

4		WELL COMPLETION FORM
WE	ELL	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.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:		
	Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth:		
Gas D&A ENHR SIGW			
G G GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet		
Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No		
Cathodic Other (Core, Expl., etc.):			
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	Quarter Sec TwpS. 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

Confidentiality Requested:

ONFIDENTIA

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:						

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1304523

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:	
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.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:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. 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 #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date 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

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:



ON 1230284

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

August 2013 Form must be Typed

Form must be Signed All blanks must be Filled

Form ACO-1

CONFIDENTIAL 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)				
Name:	Datum: NAD27 NAD83 WGS84				
Wellsite Geologist:	County:				
Purchaser:	Lease Name: Well #:				
Designate Type of Completion:					
New Well Re-Entry Workover	Field Name:				
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	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 No 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 Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (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 #:	Operator Name:				
GSW Permit #:	Lease Name: License #:				
	Quarter Sec TwpS. R East West				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	County: Sec Twp5. R [] East [] West				

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:

KOLAR Document ID: 1230284

Operator Name:	Lease Name: Well #:
Sec TwpS. R East 🗌 West	County:

Page Two

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.

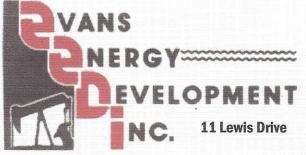
Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
1. Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) 2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No (If No, skip question 3) 3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No (If No, skip question 3)									
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:			DN INTERVAL: Bottom					
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	Тор	Bollom
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	North Kempnich 5-IWU
Doc ID	1230284

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	
Completio n	5.6250	2.8750	6.45	706	Portland	90	50/50 POZ



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083 Fax: 913-557-9084

WELL LOG Tailwater, Inc. North Kempnich # 5-IWU API #15-003-26,229 September 10 - September 11, 2014

Paola, KS 66071

Thickness of Strata	Formation	Total
6	soil & clay	6
4	clay & gravel	10
86	shale	96
29	lime	125
49	shale	174
2	lime	176
18	shale	194
10	lime	204
3	shale	206
. 18	lime	225
4	shale	229
40	lime	269
6	shale	275
18	lime	293 base of the Kansas City
176	shale	469
5	lime	474
10	shale	484
4	lime	488 oil show
10	shale	498
9	oil sand	507 green ok bleeding
1	coal	508
3	shale	511
15	oil sand	526 green good bleeding
5	shale	531
2 .	coal	533
2	shale	535
5	lime	540
18	shale	558
3	lime	561
18	shale	579
15	lime	594
16	shale	610
3	lime	613
24	shale	637
2	limey sand	639 green & white, no oil
4	broken sand	643 brown & green light bleeding
33	shale	676 oil bleeding
1	lime & shells	677

North Kempnich # 5-IWU

Page 2

1	limey sand	678 brown & white, no oil
5	oil sand	683 brown good bleeding
5	broken sand	688 brown & grey good bleeding
28	shale	716 TD

Drilled a 9 7/8" hole to 21.7' Drilled a 5 5/8" hole to 716'

Set 21.7' of 7" surface casing threaded and coupled cemented with 5 sacks of cement.

Set 706' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

3613A Y Road Madison, KS 66860 Ph: 620-437-2661 Fax: 620-437-2881



HURRICANE SERVICESINC

104 Prairie Plaza Parkway Garnett, KS 66032 Ph: 785-448-3100 Fax: 785-448-3102

FED ID# 48-1214033 MC ID# 165290

Remit to: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202

Customer: MARTIN OIL PROPERTIES % CHRISTIAN MARTIN 6421 AVONDALE DR., STE 212 OKLAHOMA CITY, OK 73116-6428	Invoice Date: Invoice #: Lease Name: Well #: County:	N KI	9/12/2014 0014676 EMPNICH 5-IWV DERSON
Date/Description	HRS/QTY	Rate	Total
See ticket 50389 of JB	1.000	675.000	675.00
Cement Pozmix 50/50	90.000	11.300	1,017.00 T
Gel 2%	180.000	0.300	54.00 T
Gel flush	200.000	0.300	60.00 T
Flocele	23.000	2.150	49.45 T
City water	4,600.000	0.013	59.80
Vac truck #108	1.000	84.000	84.00
Vac truck #110	1.000	84.000	84.00
Bulk truck #242	1.000	150.000	150.00
Top rubber plug 2 7/8"	1.000	25.000	25.00 T
10% Discount per Kevin Miller	1.000	225.820-	225.82-

Net Invoice	2,032.43
Sales Tax: (7.65%)	92.22
Total	2,124.65

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

WE APPRECIATE YOUR BUSINESS!

Hurricane Services, Inc. 104 Prairie Plaza Parkway Garnett, KS 66032 Office # 785-448-3100 Toll Free # 855-718-8027



Nº	50389
1.4 +	00000

Location____ Foreman___

Ticket

ion_____

Je BlAnchard

Cement Service ticket Well Name & Number Sec./Township/Range County Date Customer # Anderson 9-12-14 5-IWU N. Kempnich Mailing Address Customer City State Zip Martin Oil Properties

Job Type:			Truck #	Driver
LouGstring	Casing TD 706		26	Joe
Hole Size: 57/B	Casing Size: 27/8	Displacement: 4.1	231	Tom
Hole Depth: 716	Casing Weight:	Displacement PSI: 400	242	AMOS
Bridge Plug:	Tubing:	Cement Left in Casing:	108	Jeff. G
Packer:	PBTD:		110	TyleR.
			Extra	Aiex
Quantity Or Units	Description of Servcies or Product		Pump charge 675.	
o mi	Mileage Pump truck #231		\$3.25/Mile	NC
o mi	Pick up #26		150	NC
905K	50/50 Poz mix		11.30	1017.
180 LB			.30	54 29
200 13			.30	60.20
23 LB	Flo Seal		2.13	49.45
4600 Gal	Garrett water		1.3	59.80
				27.2
hr.	A series and the series and a series where the series we series and the series of the		84.99	84.20
hr	80 yac # 110		84.99	84. 2
3.8 Tons	Bulk Truck Minimum (1 4 24 7	\$1.15/Mile	150.00
		unarghle		/00.
1	1 Plugs 27/8 Top Plug		25.20	25.20
	· · · · · · · · · · · · · · · · · · ·	•	Subtotal	
	10% Discount		Sales Tax	
			Estimated Total	
Remarks: HOOK ON	TO Casing Achieve	d Circulation ?	MA 15 hh	Gel Sugar
Followed by 1	to Casing Achieve 5 bbl water spa	CER & 90 5KS	50/50 Pa	7 Mix
Flushed Pump	. Pump Plug to	bottom + Set F	lost shoe	·
1				
	('amau)	to Surface		

Cement to surface

Customer Signature