KOLAR Document ID: 1295510

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32461
Name: Tailwater, Inc.
Address 1: 6421 AVONDALE DR STE 212
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73116 + 6428
Contact Person: Christian L. Martin
Phone: (405) 810-0900
CONTRACTOR: License # 8509
Name: Evans Energy Development, Inc.
Wellsite Geologist: N/A
Purchaser: Pacer Energy

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

01/04/2016	01/05/2016	01/05/2016
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-003-26493-00-00
Spot Description:
NE - SE - NE - SW Sec. 22 Twp. 20 S. R. 20 ☑ East ☐ West
1815 Feet from ☐ North / ☑ South Line of Section
2475 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Anderson
Lease Name: South Kempnich Well #: 16-L
Field Name: Garnett Shoestrig
Producing Formation: Lower Squirrel
Elevation: Ground: 955 Kelly Bushing: 0
Total Vertical Depth: 875 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at: 24 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 865 w/ 102 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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.

Submitted Electronically

KCC Office Use ONLY

☑ **Confidentiality Requested**
Date: 03/08/2016
☑ **Confidential Release Date:** 03/08/2018
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☑ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 03/09/2016

Operator Name: Tailwater, Inc. Lease Name: South Kempnich Well #: 16-L

Sec. 22 Twp. 20 S. R. 20 ☑ East ☐ West County: Anderson

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☐ Yes ☐ No

List All E. Logs Run:

Gamma Ray Neutron Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Base of the Kansas City	Unknown	267

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, 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
Surface	9.875	7	17	24	Portland	5	Portland
Production	5.625	2.875	6.45	865	50/50 POZ	102	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ 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, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection: 02/22/2016

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: 2.8750 Set At: 865 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	South Kempnich 16-L
Doc ID	1295510

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	17	24	Portland	5	Portland
Production	5.625	2.875	6.45	865	50/50 POZ	102	50/50 POZ

250 N. Water, Ste 200 - Wichita, Ks 67202

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer	Martin Oil Properties	stomer Name:		Ticket No.:	50698
Address:		AFE No.:		Date:	1/5/2016
City, State, Zip:		Job type	cement longstring (new well)		
Service District:		Well Details:	5 5/8 hole @ 875 2 7/8 tubing @ 865		
Well name & No.	South Kempnich 16-L	Well Location:		County: Anderson	State: KS

Equipment #	Driver	Equipment #	Driver	Equipment #	Hours		AM/PM	TIME
26	Joe					TRUCK CALLED	AM PM	
231	Jeff					ARRIVED AT JOB	AM PM	
240	Troy					START OPERATION	AM PM	
109	Pete					FINISH OPERATION	AM PM	
111	Jr					RELEASED	AM PM	
						MILES FROM STATION TO WELL		

Treatment Summary

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
c00101	Heavy Equip. One Way	mi	-	$3.25	$0.00		$0.00
c00102	Light Equip. One Way	mi	-	$1.50	$0.00		$0.00
c23103	Cement Pump	ea	1.00	$675.00	$675.00	10.00%	$607.50
c11100	Vacuum Truck 80 bbl	ea	1.00	$84.00	$84.00	10.00%	$75.60
c10900	Vacuum Truck 80 bbl	ea	1.00	$84.00	$84.00	10.00%	$75.60
c24001	Cement Bulk Truck - Minimum	ea	1.00	$300.00	$300.00	50.00%	$150.00
p01604	50/50 Pozmix Cement	sack	102.00	$11.30	$1,152.60	10.00%	$1,037.34
p01607	Bentonite Gel	lb	200.00	$0.30	$60.00	10.00%	$54.00
p01607	Bentonite Gel	lb	171.00	$0.30	$51.30	10.00%	$46.17
p01618	Pheno Seal	lb	26.00	$1.70	$44.20	10.00%	$39.78
p02000	H2O	gal	3,500.00	$0.01	$45.50	10.00%	$40.95
p01631	Rubber Plug 2 7/8	ea	1.00	$30.00	$30.00	10.00%	$27.00

TERMS: Cash in advance unless Hurricane Services Inc has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account. Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.

X________________________________

CUSTOMER AUTHORIZED AGENT

Gross:	$ 2,526.60	Net:	$ 2,153.94
Total Taxable	$ -	Tax Rate:	7.650%
Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.		Sale Tax:	$ -
		Total:	$ 2,153.94

Date of Service: 1/5/2016

HSI Representative: Joe Blanchard

Customer Representative: Dan Hutchenson

Customer Comments or Concerns:

Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal.

All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.

TREATMENT REPORT

HURRICANE SERVICES INC

	INJECTION RATE		PRESSURE			PROP	HCL	FLUID
TIME	FLUID	N2/CO2	STP	ANNULUS	REMARKS	(lbs)	(gls)	(bbls)
4:30pm					Wash up done rack up and left location			
					Thanks Joe , Jeff , Pete , Troy , Jr			

Activity provided on this page is calculated in the summary and totals on page 1

EVANS ENERGY DEVELOPMENT INC.
11 Lewis Drive Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

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

WELL LOG
Tailwater, Inc.
South Kempnich #16-L
API #15-003-26,493
January 4 - January 5, 2016

Thickness of Strata	Formation	Total	
14	soil & clay	14	
2	clay & gravel	16	
30	shale	46	
2	lime	48	
11	shale	59	
35	lime	94	
10	shale	104	
7	lime	111	
51	shale	162	
7	lime	169	
6	shale	175	
28	lime	203	
18	shale	221	
22	lime	243	
2	shale	245	
22	lime	267	base of the Kansas City
173	shale	440	
3	lime	443	
2	shale	445	
4	lime	449	
2	shale	451	
9	lime	460	oil show
12	shale	472	
11	broken sand	483	brown & green, light bleeding
2	shale	485	
2	broken sand	487	brown & green, light bleeding
17	oil sand	504	green, ok bleeding
14	shale	518	
26	lime	544	
27	shale	571	
16	lime	587	
32	shale	619	
7	broken sand	626	brown & green, ok bleeding
33	shale	659	
1	lime & shells	660	
4	oil sand	664	brown, good bleeding
4	broken sand	668	brown & black, ok bleeding
35	shale	703	
2	broken sand	705	brown & grey, light oil show

1	shale	706	
6	broken sand	712	brown & grey, light oil show
2	shale	714	
3	broken sand	717	brown & grey, light oil show
11	shale	728	
5	broken sand	733	brown & grey, no oil show
7	broken sand	740	brown & grey, light oil show
6	shale	746	
7	oil sand	753	brown good bleeding
14	shale	767	
10	broken sand	777	brown & grey good bleeding
11	oil sand	788	brown good bleeding
6	shale	794	
4	oil sand	798	brown good bleeding
77	shale	875	TD

Drilled a 9 7/8" hole to 23.4'
Drilled a 5 5/8" hole to 875'

Set 23.4' of 7" surface casing with 5 sacks of cement.

Set 865' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.