CORRECTION #1

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1268301

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 # 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 ☐ 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:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

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

09/29/2014 Spud Date or Recompletion Date
09/30/2014 Date Reached TD
10/06/2014 Completion Date or Recompletion Date

API No. 15 - 15-003-26397-00-00
Spot Description:
W2 - E2 - NE - SW Sec. 22 Twp. 20 S. R. 20 ☑ East ☐ West
1980 Feet from ☐ North / ☑ South Line of Section
3175 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 #: 34-TL
Field Name: Garnett Shoestring
Producing Formation: Lower Squirrel
Elevation: Ground: 967 Kelly Bushing: 0
Total Vertical Depth: 858 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at: 23 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 848
feet depth to: 0 w/ 111 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: 12/05/2014
☑ **Confidential Release Date:** 12/04/2016
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/20/2015

CORRECTION #1
Page Two

1268301

Operator Name: Tailwater, Inc. Lease Name: South Kempnich Well #: 34-TL

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

List All E. Logs Run:

Gamnma Ray/ Neutron

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

Name	Top	Datum
Base of the Kansas CIty	Unknown	270

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	9.8750	7	17	23	Portland	5	
Completion	5.6250	2.8750	6.45	848	Portland	111	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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 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)*

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
2	729'-804' (93 Shots)		804

TUBING RECORD: Size: 2.8750 Set At: 848 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.

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)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	South Kempnich 34-TL
Doc ID	1268301

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	9.8750	7	17	23	Portland	5	
Completion	5.6250	2.8750	6.45	848	Portland	111	50/50 POZ

Summary of Changes

Lease Name and Number: South Kempnich 34-TL

API/Permit #: 15-003-26397-00-00

Doc ID: 1268301

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	12/05/2014	10/20/2015
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1233808	../../kcc/detail/operatorEditDetail.cfm?docID=1268301
Well Type	EOR	OIL

Confidentiality Requested:
☑ Yes ☐ No

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1233808

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 # 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 ☐ 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:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

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

09/29/2014	09/30/2014	10/06/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-003-26397-00-00
Spot Description:
W2 - E2 - NE - SW Sec. 22 Twp. 20 S. R. 20 ☑ East ☐ West
1980 Feet from ☐ North / ☑ South Line of Section
3175 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 #: 34-TL
Field Name: Garnett Shoestring
Producing Formation: Lower Squirrel
Elevation: Ground: 967 Kelly Bushing: 0
Total Vertical Depth: 858 Plug Back Total Depth: 0
Amount of Surface Pipe Set and Cemented at: 23 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 848
feet depth to: 0 w/ 111 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: 12/05/2014
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 12/05/2014

Operator Name: Tailwater, Inc. Lease Name: South Kempnich Well #: 34-TL

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:

Gamnma Ray/ Neutron

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

Name	Top	Datum
Base of the Kansas CIty	Unknown	270

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	9.8750	7	17	23	Portland	5	
Completion	5.6250	2.8750	6.45	848	Portland	111	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:	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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	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)*
2					

TUBING RECORD:	Size:	Set At:	Packer At:
	2.8750	848	

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

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	South Kempnich 34-TL
Doc ID	1233808

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	729'-804' (93 Shots)		804

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	South Kempnich 34-TL
Doc ID	1233808

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	9.8750	7	17	23	Portland	5	
Completion	5.6250	2.8750	6.45	848	Portland	111	50/50 POZ

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

FED ID# 48-1214033
MC ID# 165290

HURRICANE SERVICES INC

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

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:	10/6/2014
Invoice #:	0015098
Lease Name:	S KEMPNICH
Well #:	34 TL
County:	ANDERSON

Date/Description	HRS/QTY	Rate	Total
See ticket 50411 of DL	1.000	675.000	675.00
Cement Pozmix 50/50	111.000	11.300	1,254.30 T
Gel 2%	222.000	0.300	66.60 T
Gel sweep	200.000	0.300	60.00 T
FLO Seal	28.000	2.150	60.20 T
City water	4,600.000	0.013	59.80
Vac truck #111	1.000	84.000	84.00
Vac truck #109	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	251.890-	251.89-

Net Invoice	2,267.01
Sales Tax: (7.65%)	112.16
Total	2,379.17

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

HURRICANE SERVICES INC
OILFIELD SERVICES

Ticket Nº 50411
Location
Foreman Dwayne Lowe

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
10-6-14		S. Kempnich 34 TL		Anderson
Customer		Mailing Address	City State	Zip
Martin Oil Properties				

Job Type:			Truck #	Driver
Longstring	Casing TD 848		25	Dwayne
Hole Size: 5 7/8	Casing Size: 2 7/8	Displacement: 4.9	231	Tom
Hole Depth: 858	Casing Weight:	Displacement PSI: 400	242	Troy / Amos
Bridge Plug:	Tubing:	Cement Left in Casing: 0	111	Jeff
Packer:	PBTD:		109	Alex / Jesse

Quantity Or Units	Description of Servcies or Product		
	Pump charge		675.00
0 mi	Mileage Pump truck #231	$3.25/Mile	NC
0 mi	Pick up #25	1.50	NC
111 SK	50/50 Poz mix	11.30	1254.30 T
222 LB	Prem Gel 2%	.30	66.60 T
200 LB	Prem Gel Sweep	.30	60.00 T
28 LB	Flo Seal	2.15	60.20 T
4600 Gal	Garnett water	1.3	59.80
1 hr	80 vac #111	84.00	84.00
1 hr	80 vac #109	84.00	84.00
4.6 Tons	Bulk Truck Minimum Charge #242	$1.15/Mile	150.00
1	Plugs 2 7/8 Top Plug	25.00	25.00 T
	2,518.90	Subtotal	2,267.01
	10% discount 251.89	Sales Tax	112.16
		Estimated Total	2,379.17

Remarks: Hook onto Casing Achieve Circulation Pump 15 bbl Gel sweep Followed by 15 bbl water spacer & 111 SKS 50/50 poz mix. Flush pump. Pump Plug to bottom & set float shoe.

Cement to Surface.

Customer Signature

(Rev. 1-2011)

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 #34-TL
API #15-003-26,397
September 30 - October 1, 2014

Thickness of Strata	Formation	Total	
14	soil & clay	14	
5	clay & gravel	19	
50	shale	69	
28	lime	97	
67	shale	164	
11	lime	175	
8	shale	183	
33	lime	216	
7	shale	223	
25	lime	248	
2	shale	250	
20	lime	270	base of the Kansas City
179	shale	449	
2	lime	451	
5	shale	456	
9	lime	465	oil show
8	shale	473	
8	oil sand	481	green light bleeding
5	shale	486	
1	coal	487	
3	shale	490	
21	oil sand	511	green, good bleeding
4	shale	515	
2	coal	517	
6	shale	523	
6	lime	529	
4	shale	533	
2	lime	535	
10	shale	545	
3	lime	548	
19	shale	567	
13	lime	580	
17	shale	597	
3	lime	600	
23	shale	623	
1	limey sand	624	green & white, no oil
6	broken sand	630	brown & green good bleeding
33	shale	663	
1	lime & shells	664	

5	oil sand	669	brown, good bleeding
3	broken sand	672	brown & grey good bleeding
35	shale	707	
6	broken sand	713	brown & grey ok bleeding
3	shale	716	
3	broken sand	719	brown & grey light bleeding
2	shale	721	
1	broken sand	722	
3	gas sand	725	light brown, no oil
4	broken sand	729	brown & grey no oil
2	broken sand	731	brown & grey good bleeding
4	oil sand	735	brown good bleeding
8	broken sand	743	brown & grey good bleeding
8	shale	751	
1	broken sand	752	brown & grey good bleeding
6	oil sand	758	brown good bleeding
2	shale	760	
7	broken sand	767	brown & grey good bleeding
13	silty shale	780	
4	oil sand	784	grey good bleeding
1	shale	785	
4	oil sand	789	grey good bleeding
5	shale	794	
10	oil sand	804	grey good bleeding
3	shale	807	
6	sand	813	white, no oil
45	shale	858	TD

Drilled a 9 7/8" hole to 22.4'
Drilled a 5 5/8" hole to 858'

Set 22.4' of 7" surface casing with 5 sacks of cement.

Set 848' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.