

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1225171

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
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.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from: sx cmt.
Well Name:  Original Comp. Date:  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  Dewatering method used:  Location of fluid disposal if hauled offsite:  Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					

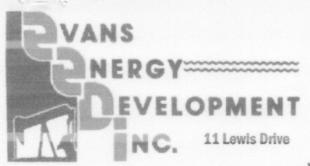


Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. Eures, whether shut-in predict final chart(s). Attach	essure reached stati	c level, hydrosta	atic pressures, bott		
		otain Geophysical Data a or newer AND an image		gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No		_	on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	ew Used			
		Report all strings set-	conductor, surface, inte	ermediate, product	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
	Donth		. CEMENTING / SQL	JEEZE RECORD			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
	ulic fracturing treatment o	n this well?		Yes	No (If No, ski	p questions 2 aı	nd 3)
Does the volume of the to	otal base fluid of the hydr	aulic fracturing treatment ex submitted to the chemical	_	= :	No (If No, ski	p questions 2 at p question 3) out Page Three	
Shots Per Foot	PERFORATION Specify For	N RECORD - Bridge Plug ootage of Each Interval Per	s Set/Type forated		cture, Shot, Cement mount and Kind of Ma		d Depth
				,			
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift (	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er B	bbls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	Open Hole		Comp. Con	mmingled	PRODUCTIO	ON INTERVAL:
(If vented, Sul	bmit ACO-18.)	Other (Specify)	(Submit )	400-5) (Sub	omit ACO-4)		

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	North Kempnich 57-T
Doc ID	1225171

## 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	5.620	2.8750	6.45	702	Portland	105	50/50 POZ



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

## WELL LOG

Paola, KS 66071

Tailwater, Inc. North Kempnich #57-T API #15-003-26,269 August 13 - August 14, 2014

Thickness of Strata	Formation	Total
4	soil & clay	4
4	clay & gravel	8
82	shale	90
27	lime	117
12	shale	129
6	lime	135
48	shale	183
10	lime	193
5	shale	198
35	lime	233
6	shale	239
20	lime	259
4	shale	263
22	lime	285 base of the Kansas City
48	shale	333
27	sand	360 grey, no oil
98	shale	458
3	lime	461
6	shale	467
7	lime	474 oil show
13	shale	487
13	oil sand	500 green light bleeding
1	coal	501
7	shale	508
10	oil sand	518 green, good bleeding
6	shale	524
1	coal	525
3	shale	528
8	lime	536
5	shale	541
2	lime	543
30	shale	573
10	lime	583
50	shale	633
4	broken sand	637 oil odor, brown & green
31	shale	668
1	lime & shells	669

limey sand

670 brown & white, light oil odor

North	Kem	pnich	#57-T
140101	1.0111	Pilloll	1101

## Page 2

3	oil sand	673 brown ok bleeding
2	broken sand	675 brown & grey ok bleeding
4	broken sand	679 brown & grey light bleeding
33	shale	712 TD

Drilled a 9 7/8" hole to 21.6' Drilled a 5 5/8" hole to 712'

Set 21.6' of 7" surface casing threaded and coupled cemented with 5 sacks of cement.

Set 702' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

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



Ticket	N <sub>o</sub>	503	371
Location			
Foreman		Joe	Blanchard

### Cement Service ticket

Date Customer#	Well Name & Number	Sec./Township/Range	County	
8-14-14	N. Kempnich 57-T	22 20 20	Anderson	
Customer  Martin oil Properties	Mailing Address	City State	Zip	

lob Type:			Truck#	Driver
Longstring	Casina To 702		26	Joe
Longstring 5 9/8	Casing Size: 27/8 Casing Weight:	Displacement: 3. 6	231	Tom
lole Depth: 7/2	Casing Weight:	Displacement PSI: 425	108	J. FF.
ridge Plug:	Tubing:	Cement Left in Casing: 0	110	Scott
acker:	PBTD:		242	AMOS
luantity Or Units	Description of	of Servcies or Product	Pump charge	67500
o mi	Mileage Pump tru	ICK # 231	\$3.25/Mile	NC
O Mi	Pick up		1.50	NC
/03 Sr	50/50 Poz M	iX	11.20	1163.90
206 LB			. 30	61.89
	Prem Gel Sures	P		6000
26 LB	Flo Seal	,	2.25	55.2
3400 62	Carnett water	8	1.3₺	44.20
1 hc		9	8400	84.50
1 hr	80 vac #110		8400	84.00
4. 3 Tons	Bulk Truck	4 7/12	\$1.15/Mile	1500
4.3 Tons	DUIK ITUCK MINIMU	m Charge #242	\$1.15/19116	150.00
1	Plugs 27/8 Top	Plua	25.00	2500
		5	Subtotal	2403.85
			Sales Tax	
			Estimated Tot	al

Remarks: Hook	auto wel	1 achieved	Circulation	an Pump	ed 10	bbl Gel	Sweed
followed	by 17	bbl water	4 /03	5k3 05	50/50	DAZ MIY	Cement
Flush	Puma.	Pumped To 1	Plua	to bottom	of Set	flood shoe	
Good	Coment	Pumped To ! to Surface.	9			<u> </u>	

well was deeper then Previous wells that's why More comentwas used