

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1230481

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:			Sec	TwpS. R	West
Address 2:			Feet	from North / South Line o	f Section
City: Sta	ate: Zip	D:+	Feet	from East / West Line o	f Section
Contact Person:			Footages Calculated from Ne	arest Outside Section Corner:	
Phone: ()			□ NE □ NW	□SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.gxxx.xx)	xxx)
Wellsite Geologist:			Datum: NAD27 N		
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well #:	
New Well Re-	Entry	Workover	Field Name:		
	_		Producing Formation: Kelly Bushing:		
☐ Oil ☐ WSW	SWD	SIOW			
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:	
CM (Coal Bed Methane)	G3W	Terrip. Abd.	Amount of Surface Pipe Set a	and Cemented at:	Feet
Cathodic Other (Core, Expl., etc.):			Multiple Stage Cementing Co		
If Workover/Re-entry: Old Well Info					Feet
Operator:				nent circulated from:	
Well Name:			,	w/	sx cmt
Original Comp. Date:			loot doparto.		_ 0x 01111.
<u> </u>	_	NHR Conv. to SWD			
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management I (Data must be collected from the		
Commingled	Permit #:		Chloride content:	ppm Fluid volume:	bbls
Dual Completion Permit #:		Dewatering method used:			
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:	
☐ ENHR	Permit #:		On a water Manage		
GSW Permit #:			L'annua II		
				License #:	
Spud Date or Date Rea	ched TD	Completion Date or		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.

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	ing and shut-in pressu	ormations penetrated. Dures, whether shut-in preith final chart(s). Attach	ssure reached stati	c level, hydrosta	itic pressures, bott		
		otain Geophysical Data a or newer AND an image t		gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		Yes No			on (Top), Depth an		Sample
Samples Sent to Geol	ogical Survey	Yes No	Nam	Э		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
		Report all strings set-			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
_	5 "	ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
	ılic fracturing treatment or	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 hydra	aulic fracturing treatment ex submitted to the chemical of	=	= =	No (If No, ski	p question 3) out Page Three	
Shots Per Foot	PERFORATIO Specify Fo	N RECORD - Bridge Plug potage of Each Interval Perl	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	bls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	N Open Hole		Comp. Cor	mmingled	PRODUCTIO	DN INTERVAL:
(If vented, Sub	omit ACO-18.)	Other (Specify)	(Submit A	(Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	North Kempnich 2-IWU
Doc ID	1230481

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	689	Portland	106	50/50 POZ

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

HURRICANE SERVICES INC

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:

10/20/2014 0015178 N KEMPNICH 2-IWV

ANDERSON

Date/Description	HRS/QTY	Rate	Total
See ticket 50416 of JB	1.000	675.000	675.00
Cement Pozmix 50/50	103.000	11.300	1,163.90 T
Gel 2%	206.000	0.300	61.80 T
Gel sweep	200.000	0.300	60.00 T
FLO Seal	26.000	2.150	55.90 T
City water	4,600.000	0.013	59.80
Vac truck #108	1.000	84.000	84.00
Vac truck #111	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	241.940-	241.94-

Net Invoice	2,177.46
Sales Tax: (7.65%)	104.55
Total	2,282.01

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



Ticket	No	50416
Location		
Foreman_	Joe	Blanchard

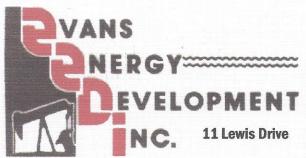
Cement Service ticket

Date	Customer #	Well Name	Well Name & Number		ownship/Range	County
10-20-14		N. Kempnich	2- IWU			Anderson
Customer		Mailing Address		City	State	Zip
Markin A	Proportion					

lob Type:			Truck #	Driver
Lougstring	Casing Size: 27/8		26	Joe
Lougstring Hole Size: 57/8	Casing Size: 2 7/8	Displacement: 3.9	231	Tom
Hole Depth: 689	Casing Weight:	Displacement PSI: 400	242	Jesse
Bridge Plug:	Tubing:	Cement Left in Casing: O	108	Jeff
Packer:	PBTD:		111	Tyler
Quantity Or Units	Description o	f Servcies or Product	Pump charge	
o mi	Mileage Puma true	ck # 231	\$3.25/Mile	NE
o mi	Pick up	ck # 231 # 26	1.50	NC
- /03 SK	50/50 Poz mix		11.30	1/63.90
206 LB			.30	61 29 -
200 LB	Prem Gel Su	ueep	2. 15 2. 15	60.
26 LB	Floseal		2.5	55.90
	10			CO 80
4600 Gol	Carnett water		1.3	59.80
1 hc	80 vac #108	84.99	84.00	
1 hc	80 vac #111	84.00	84.50	
4.3 Tons	Bulk Truck Minimum	charge #242	\$1.15/Mile	150.20
1	Plugs 27/8 Top	Plua	25.00	25.50
		2419.40	Subtotal	2.177.46
	10% D	ISCOUNT 241.94	Sales Tax	104.55
				al 2,28201
Remarks: 🍪 Hook	outo well Pump Cir	culation Pumped 15	bbl Gel Su	peep followed
by 15 bbl water	r spacer 4 103	5KS of 50/50 poz	Mix. Flu	sh pump.
Pump Plug to	bottom & Se	sks of 50/50 poz t Float shoe.		
		L to Susface.		
	Cemen	TO SUITACE.		

Customer Signature

(Rev. 1-2011)



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Tailwater, Inc.
North Kempnich # 2-IWU
API #15-003-26,226
October 9 - October 20, 2014

Thickness of Strata	Formation	<u>Total</u>
11	soil & clay	11
4	clay & gravel	15
93	shale	108
35	lime	143
63	shale	206
10	lime	216
7	shale	223
33	lime	256
8	shale	264
20	lime	284
3	shale	287
22	lime	309 base of the Kansas City
173	shale	482
2	lime	484
4	shale	488
3	lime	491
5	shale	496
8	lime	504 oil show
8	shale	512
6	oil sand	518 green ok bleeding
10	shale	528
1	coal	529
2	shale	531
16	oil sand	547 green good bleeding
5	shale	552
2	coal	554
5	shale	559
9	lime	568
12	shale	580
4	lime	584
27	shale	611
2	lime	613
45	shale	658
2	limey sand	660 green & white, no oil
1	broken sand	661 brown & green good bleeding
1	oil sand	662 brown, good bleeding
3	broken sand	665 brown & green good bleeding
24	shale	689 TD
47	Silaic	000 10

Drilled a 9 7/8" hole to 22.6' Drilled a 5 5/8" hole to 689'

Set 22.6' of 7" surface casing with 5 sacks of cement.

Set 683' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.