

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1079810

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:	S. R East West
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:, (e.gxxx.xxxxx)
Name:	
Wellsite Geologist:	
Purchaser:	Vell #:
Designate Type of Completion:	
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
□ OG □ GSW □ Temp.	Abd. Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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 S	WD Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to P	
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	

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:

	Page Iwo	1079810
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS: Chain important tang of formations paratrated Da	tail all aaraa Danart all final	conice of drill stome tests giving interval tested time test

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		-	Formation (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		ion, etc.		
Purpose of String							Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Durmana	Dopth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Protect Casing Plug Back TD Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

No

No

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				A		ement Squeeze Record d of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner Ru	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	} .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbl	S.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD OF COMPLETION:		TION:	_	PRODUCTION IN	TERVAL:		
Vented Sold	Vented Sold Used on Lease Open Hole Perf. Dual (Submit (Submit (Submit ACO-18.)) (If vented, Submit ACO-18.) Other (Specify)		Open Hole							
(If vented, Sul				,	(Submit ACO-4)					

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	WHITESIDE 20-T
Doc ID	1079810

Tops

Name	Тор	Datum
278	lime	base of the KC
471	lime	oil show
493	oil sand	green, good bleeding
523	oil sand	"
639	broken sand	brown & green sand, good bleeding
682	oil sand	brown, good bleeding
693	sand	black, no oil
721	broken sand	brown n& green sand, good bleeding
729	n	"
736	sand	grey
766	oil sand	black, good bleeding



Consolidated

Oil Well Services, LLC

TICKET NUMBER 36562 LOCATION OXDawa KS FOREMAN Fred Mady

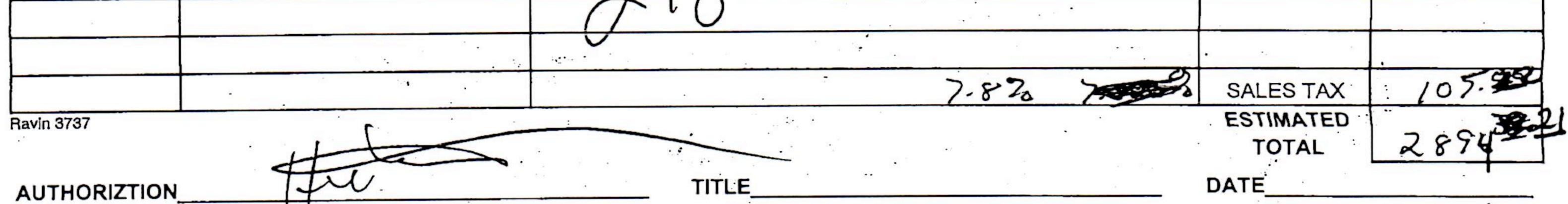
PO Box 884, Chanute, KS 66720. 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

020 401 0210			(A)	O EIIIEI			45	A)
DATE	CUSTOMER #	WEI	L NAME & N	UMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/20/12	7806	white	eside	# 20.7	Sw 22	20	20	AN.
CUSTOMER			1					
Ta	il wate	v Luc.			TRUCK #	DRIVER	TRUCK # ·	DRIVER
MAILING ADDRI	ESS		× .		506	FREMAD	Safey	my.
64	al Avon	dale Dr	· · ·		368	GARMOO	6m	0,
CITY	2	STATE	ZIP CODE		369	DER MAS	DEN	
Oklah	ma City	OK	73116		548	MIKHAA	MH	
JOB TYPE LO		HOLE SIZE	578	HOLE DEPT	H_ 823	CASING SIZE & W	EIGHT 27/5	EUE
	V Bist			TUBING			OTHER	

TUBING DRILL PIPE OTHER CASING DEPTH Siz CEMENT LEFT in CASING 23" Plue WATER gal/sk_ SLURRY VOL SLURRY WEIGHT RATE YBPN 417 BBC DISPLACEMENT PSI MIX PSI DISPLACEMENT ix + Punp 100 # Premim Flush. puno vata. **REMARKS:** Esda por mi enux ement AX 50 KS 50 15 un RUG ber. clean. Flus h pump + lines ace Ta 700-# Release ressure TD. rasin Lup Dax hur. Set asin. 0, ressure and Dev- Inc ud Energy Evans ACCOUNT DESCRIPTION of SERVICES or PRODUCT UNIT PRICE QUANITY or UNITS TOTAL CODE 1030.0 368 PUMP CHARGE 540 2

5406	25 mi	MILEAGE 368		100 00
5402	813	Casing footoge		NIC
5407	1/2 Minimum	Ton Miles 548		175-00
55020	12 hrs	80 BBC Vac Truck 369		13500
1124	115 5/15	50/50 Pozmix Cement.	•	1259 25
1118B	294	Promi un Gel		6, 24
4402	1	21/2" Rubber Plus.		28000
			6	
	• • •			
				•
	· · ·	In Train	•	71
		JUX 105		



I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner Sam Brownback, Governor

May 18, 2012

Chris Martin Tailwater, Inc. 6421 AVONDALE DR STE 212 OKLAHOMA CITY, OK 73116-6428

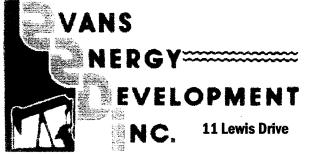
Re: ACO1 API 15-003-25430-00-00 WHITESIDE 20-T SW/4 Sec.22-20S-20E Anderson County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Chris Martin



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG Tailwater, Inc. Whiteside #20-T API#15-003-25,430 March 28- March 29, 2012

Thickness of Strata	Formation	Total
14	soil & clay	14
2	clay gravel	16
63	shale	79
26	lime	105
15	shale	120
3	lime	123
46	shale	169
10	lime	179
7	shale	186
39	lime	225
6	shale	231
20	lime	251
3	shale	254
24	lime	278 base of the Kansas City
37	shale	315
6	sand	321
135	shale	456
4	lime	460
5	shale	465
6	lime	471 oil show
9	shale	480
13	oil sand	493 green, good bleeding
5	shale	498
25	oil sand	523 green, good bleeding
7	shale	530
4	lime	534
19	shale	553
3	lime	556
18	shale	574
6	lime	580
54	shale	634
5	broken sand	639 brown & green sand, good bleeding
35	shale	674
1	lime & shells	675
7	oil sand	682 brown, good bleeding
7	silty shale	689
4	sand	693 black, no oil
25	shale	718
3	broken sand	721 brown & green sand, good bleeding
2	silty shale	723

Whiteside #20-T

broken sand	729 brown & green sand, good bleeding
silty shale	731
broken sand	732 brown & green sand, good bleeding
oil sand	735 brown, good bleeding
sand	736 grey
broken sand	737 brown & grey sand, good bleeding
sand	738 grey, no oil
oil sand	746 brown, good bleeding
silty shale	751
broken sand	756 brown & grey sand, good bleeding
silty shale	759
oil sand	766 black, good bleeding
silty shale	770
shale	823 TD

Drilled a 9 7/8" hole to 22.4' Drilled a 5 5/8" hole to 823'

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

Set 813.7' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

Page 2