

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1079817

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
Address 2:		Feet from North / South Line of Section
City: State: Z	ip:+	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.xxxxx) (e.gxxx.xxxxx)
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	Producing Formation:
Gas D&A ENHR	SIGW	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? Yes No
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 T	otal Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to G	SW Conv. to Producer	(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:
ENHR Permit #:		
GSW Permit #:		Operator Name:
		Lease Name: License #:
Spud Date or Date Reached TD	Completion Date or	QuarterSecTwpS. R East West
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:				

Page Two



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(CASING REC	ORD Ne	w Used			
		· ·		ıctor, surface, inte	ermediate, producti		T	
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	Sacks Used		Type and Pe	ercent Additives	
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)
Does the volume of the to		•				_	o question 3)	(" 100 ")
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)
Shots Per Foot PERFORATION RECORD - Bridge Plug Specify Footage of Each Interval Per				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
	, ,				,		,	
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		RACT!!		TIONI		DRODUCTIO	AN INTEDVAL.
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PHODUCIIC	ON INTERVAL:
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	WHITESIDE 2-T
Doc ID	1079817

Tops

Name	Тор	Datum
278	lime	base of the KC
471	lime	oil show
491	oil sand	green, good bleeding
515	oil sand	Ш
640	broken sand	brown & green sand, ok bleeding
690	sand	black, no oil show
720	broken sand	brown & green sand, good bleeding
750	oil sand	brown, lite bleeding
789	sand	grey, no oil show
825	sand	II .



TICKET NUMBER 36628 LOCATION Office a KS FOREMAN Fred Mader

ESTIMATED

TOTAL

DATE_

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

Ravin 3737

AUTHORIZTION

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL	NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
4/13/12	7806	Whites.	de 2-	7	SW	20	20.	1 1
CUSTOMER		٠.	288		, TOTAL 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	A STATE OF THE STA		
	W -V C	nc.			TRUCK#	DRIVER	TRUCK# ·	DRIVER
MAILING ADDRE		•	•		506	FREMAD	Safek	husts.
6421			710.0005		495	HARBEC	H13 0	1
CITY		STATE	ZIP CODE		370	KIECAR	KC	
OKlahom	a City	014	73116		558	DANGAR	D6	
JOB TYPE LO		HOLE SIZE	57/8	HOLE DEPTH_	825	CASING SIZE & W	EIGHT 278	EVE
CASING DEPTH	815	DRILL PIPE	•	TUBING			OTHER	
SLURRY WEIGH	IT	SLURRY VOL_		WATER gal/sk_		CEMENT LEFT in	CASING 2%	Plus
DISPLACEMENT	r <u>4.7438</u> c	DISPLACEMENT	PSI	MIX PSI		RATE 58Pm	`·.	
REMARKS:	Establis	houma	rato. n	nix + Por	ND 1004	Premion	Cal Flus	h.
mix	* Pump	120 3	45 50/50	s for m.	'x Cemua	× 270 Cel.	Camea	X to
5014	ace. Flus	15	- ISO		Displace		5 kern/4	70
casin	TD. PY	essure ?			lease pr		- 1. 1	ood.
Value	- Shop	Kin casi		7)				
••					*			
						. / /		
1.)		*				F-w VIIIa	501_	
Evans	Enevan	Dev. Ti	c (Travis					
	17				20		74	
ACCOUNT	QUANITY	or UNITS	DES	SCRIPTION of S	ERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401	,		PUMP CHARGE	=		495		103000
5406	1 %	20mi	MILEAGE			495	(8000
5402	81:		Casine.	too Yaca				N/C
5407		- UM	Ton M			558		35000
	2	115	80 BB	L Vac Tr	vch	370		18000
55020		~ / /						700
		1200//	50/17	on mis	Coment			131400
1124		1205145			ement		•	43
11183		302	Promi		<u> </u>			00-
4402			2%" R	u b ber pl	y			2800
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					.9			
		: **		<u> </u>			•	
-					8 **	7.89	SALES TAX	10963

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/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

May 18, 2012

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

Re: ACO1 API 15-003-25413-00-00 WHITESIDE 2-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 #2-T API#15-003-25,413 April 12 - April 13, 2012

Thickness of Strata	<u>Formation</u>	<u> </u>
14	soil & clay	14
2	clay & gravel	16
48	shale	64
41	lime	105
68	shale	173
8	lime	181
6	shale	187
35	lime	222
6	shale	228
23	lime	251
3	shale	254
24	lime	278 base of the Kansas City
176	shale	454
3	lime	457
5	shale	462
9	lime	471 oil show
6	shale	477
14	oil sand	491 green, good bleeding
1	shale	492
1	coal	493
2	shale	495
20	oil sand	515 green good, bleeding
12	shale	527
4	lime	531
8	shale	539
3	lime	542
7	shale	549
3	lime	552
82	shale	634
6	broken sand	640 brown & green sand, ok bleeding
33	shale	673
1	lime & shells	674
7	oil sand	681 brown, good bleeding
5	silty shale	686
4	sand	690 black, no oil show
27	shale	717
3	broken sand	720 brown & green sand, good bleeding
15	silty shale	735
6	broken sand	741 brown & grey sand, ok bleeding
8	silty shale	749

Whiteside #2-T	Page 2		
1	oil sand	750 brown, lite bleeding	
11	silty shale	761	
3	broken sand	764 brown & grey sand, lite bleeding	
. 4	oil sand	768 brown, good bleeding	
9	silty shale	777	
12	sand	789 grey, no oil show	
4	silty shale	793	
32	sand	825 grey, no oil show	
		825 grey, no oil show	

Drilled a 9 7/8" hole to 20' Drilled a 5 5/8" hole to 825'

Set 20' of 7" surface casing cemented with 5 sacks of cement.

Set 815.6' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.