

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1133219

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.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: 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		
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:	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 SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:		
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:		
Connection Connection	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 Approved by: Date:				

Page Two



Operator Name: Lease Name: _ _ Well #: _ County: _ 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** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No Yes
 Yes
 ■
 Yes
 ■
 Yes
 ■
 Nes
 Nes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom 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) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: DISPOSITION OF GAS: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

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 Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

April 13, 2013

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

Re: ACO1 API 15-003-25792-00-00 P. Winfrey 9-IW SW/4 Sec.27-20S-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, Christian L. Martin

257660

LOCATION Oxtama RS FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT

	0. 000 101-0070			CEMENT	Г			
DATE	CUSTOMER#	WEI	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
3/21/13 CUSTOMER	7806	P. win	Frey #	9. IW	Swa7	20	20	AN
		7	r	ند ا	4. 13. 17	The state of the state of	Maria Tanangan	7770
MAILING ADDR	LESS V	Luc		」	TRUCK #	DRIVER	TRUCK#	DRIVER
64		4			506	FreMad	Safety	MAG
CITY	21 Ayond	ale Dr		1 L	495	Har Bec	HB	10
		STATE	ZIP CODE		9 فانی	DerMas	DM	<u> </u>
OKlaho		014	73116	J	558	Breman	100	
		HOLE SIZE	578	HOLE DEPTH_	361	CASING SIZE &	MEICHT 22.	Cur
CASING DEPTH	H <u>(55)</u>	DRILL PIPE		TUBING		or tolling older to		EUE
SLURRY WEIGI	НТ	SLURRY VOL		WATER gal/sk			OTHER	
DISPLACEMEN	T 4.95 BBC	DIRDI ACEMEN	T De			CEMENT LEFT IN	CASING	"plug
REMARKS: /-				MIX PSI		RATE_5BP	21	_
FI	Sh My	C Mexx	g. Estab	lish pu	mp rate	Mix + Por	100 4	Tel
7.10	Sh. Whix	Franci			Pormi	Comenx	290 Cel.	
	Mean to S	urtace	Flush	- Auma	+ lines	clean Dis	place 3	× "
<u> </u>	bber plug	+a ca	INS 70	Press	ure to	800 # 057	4	
m a	mitar de	essu/e	for 70	mha M	IT P.L	ase press	- Hold	-
4/0	at 11-110	ch.			11 Nela	ease five ss	vie to	Say
float value Ekrt in carry,								
						/		
<u> </u>	ans Ener	94 Dev.	Tac -	Travis	•	Feel M	adı	
		.0				Y		
ACCOUNT CODE	QUANITY o	r UNITS	DES	SCRIPTION of SI	RVICES or PRO	ODUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARGE					TOTAL

	•				
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	<u> </u>	PUMP CHARGE	40-		
5406		MILEAGE	495	 -	163000
5402	8.51	Casing footoge			Mc
5407	1/2 M. Strum	Ton Miles		 	N/C
5502C	2krs	80 BBC Vac Truck	<i>5</i> 58 36\$		175000
1/24	116 sics	solen for my 1			
11188	295⁴	Par and Coment			12702
4402	- '/	Solso Por Mix Coment Premium Gel 22" Rubber Plug			28 ==
				- TEL	-3
				l bun	Tibled
1 3737	That		7.8%	SALES TAX ESTIMATED TOTAL	285124
JTHORIZTION_	Jun :			BATE	K531-

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



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Tailwater, Inc. P. Winfrey #9-IW API #15-003-25,792 March 22 - March 25, 2013

Thickness of Strata	<u>Formation</u>	Total
14	soil & clay	<u>Total</u> 14
3	clay & gravel	17
34	shale	51
29	lime	80
65	shale	145
10	lime	155
5	shale	160
37	lime	197
6	shale	203
24	lime	203
3	shale	230
22	lime	
170	shale	252 base of the Kansas City 422
3	lime	425
3	shale	428
2	lime	430
8	shale	430
9	lime	447 oil show
10	shale	447 oil show 457
12	broken sand	
1	coal	469 brown & green, light bleeding 470
13	shale	483
6	oil sand	
8	silty shale	489 green, good bleeding 497
1	coal	498
7	shale	505
6	lime	511
15	shale	526
8	lime	534
33	shale	567
6	lime	573
30	shale	603
4	broken sand	
2	broken sand	607 brown & green, good bleeding
2	silty shale	609 brown & green, light show
1	broken sand	610
36	shale	611 brown & green, ok bleeding
1	lime & shells	648
	mile a silens	649

P. Winfrey #9-IW

Page	2
------	---

1	sand	650 black, no oil show
5	oil sand	655 brown, ok bleeding
4	shale	659
3	sand	662 black, no oil show
111	shale	773
5	sand	778 green, no oil show
8	oil sand	786 black & white, no show
75	shale	861 TD

Drilled a 9 7/8" hole to 22.4' Drilled a 5 5/8" hole to 861'

Set 22.4' of 7" surface casing cemented with 6 sacks of cement.

Set 851.5' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.