

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division 1130476

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:			F6	eet from North /	South Line of Section	
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section	
Contact Person:			Footages Calculated from Nearest Outside Section Corner:			
Phone: ()			□ NE □ NW	V □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 #:			
	e-Entry	Workover	Field Name: Producing Formation: Kelly Bushing:			
	_					
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW				
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:	
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet	
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No	
If Workover/Re-entry: Old Well I			If yes, show depth set:			
Operator:			If Alternate II completion, c	cement circulated from:		
Well Name:			feet depth to:	w/	sx cmt.	
Original Comp. Date:						
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan		
Plug Back	Conv. to G		(Data must be collected from to			
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls	
Commingled Permit #: Dual Completion Permit #:			Dewatering method used:			
SWD			Location of fluid disposal if	hauled offsite:		
ENHR	Permit #:					
GSW Permit #:			Operator Name:			
			Lease Name:			
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. 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 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		rval tested, time tool erature, fluid recovery,
Final Radioactivity Lo files must be submitted					ogs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes [No	L	_	on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken ☐ Yes ☐ No Electric Log Run ☐ Yes ☐ No								
List All E. Logs Run:								
		(CASING REC	ORD Ne	ew Used			
		· ·		ıctor, surface, inte	ermediate, producti	1		I
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
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	# Sacks Used Type and Percent 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		•				_ ` ` '	p question 3)	
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot PERFORATION RECORD - Bridge Plu Specify Footage of Each Interval Pe								d Depth
opoony i oolage of Each interval i onerated			,		,	·		
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	other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bi	ols. G	as-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		N 4 - T - 1		TION:		PPODUOTIO	ON INTERVAL.
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)	Other (Si	necify)	(Submit		mit ACO-4)		

Oll Well Services, LLG

LOCATION Office KS
FOREMAN Case, Kennedy

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

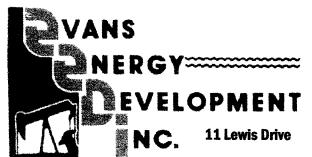
020-431-9210	or 800-467-867	6		CEME	NT			
DATE	CUSTOMER#	WE	LL NAME & NUI	MBER	SECTION	TOWALCHE		
3/20/13	780ce	Pu	intrev #	11.7		TOWNSHIP	RANGE	COUNTY
CUSTOMER	4 .	1	indey #	167	15m 27	20	20	AN
ailux	its Inc.			ł	THE STREET	THE STATE OF THE S	SEP SALL TE	LAN
MAILING ADDR	RESS			⊣	TRUCK#	DRIVER	TRUCK #	DRIVER
6421 A	hondele i	Se Sun	Le 212		481	Carken	VSately	Hadring
211 Y		STATE	ZIP CODE	-	Celelo	Kei Car	V	-
Oklehou	ne CNH	DK	731160		510	Set Tuc	V	
OB TYPE /or	ngstrino	HOLE SIZE	55/8"		675	Kei Car		
ASING DEPTH		DRILL PIPE	13 /8	_ HOLE DEPT	H 6-73,	CASING SIZE &	WEIGHT_ 2 F/8	EUE
LURRY WEIGH		SLURRY VOL		_TUBING			OTHER	
	400111	-		WATER gal/s		CEMENT LEFT IN	CASING	
EMARKS: 44	A / A /	DISPLACEME		MIX PSI		RATE_ 4.56	om	
. 1 7.7		meeting,	established	& circula	tion mike	14		
Tag You	wed by 10	1665 Fre	sh water	wixed	+ pumped	130 040		
2/ 0/ 6 9	rel por st	, course	it to sur	face , f	// .T // //		To Form	ix course
dosc pl	ig to casi	16 7D 4	4.88	LWC L		up clean	pumped	221
)	Ket in	casino.		esh water	pressured	10 80	z PSI
			-			· ' 		
					/ -	74	7	
··					(71	/	
ACCOUNT			T			7	1	
CODE	QUANITY o	r UNITS	DE	SCRIPTION of	SERVICES or PRO	Duor		
~,							UNIT PRICE	TOTAL

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE		
5406	10 mi	MILEAGE		1030 00
540 a	843'	casing footage		40.00
5407	minimum	ton mileage		
5502C	2 hrs	80 Vac		350.00
				180,00
1124	120 sks	5/ 5		
1118B		5950 Poznix cement		1314.00
	302 #	fremium (sel		
4402		21/2 " probber dua		63.42
				28,00
				
			Control of the second	
			U de anti-	osta M
			1	
in 3737		7,8%	SALES TAX	109.42
THORIZTION_	Jo Co. Rep. on 6	ecation TITLE	ESTIMATED TOTAL	3115.04

TITLE_ 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

OK 650



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 #16-T
API #15-003-25,800
March 19 - March 20, 2013

Thickness of Strata	Formation	<u>Total</u>
16	soil & clay	16
4	gravel	20
29	shale	49
28	lime	77
63	shale	140
11	lime	151
7	shale	158
16	lime	174
2	shale	176
19	lime	195
8	shale	203
21	lime	224
3	shale	227
22	lime	249 oil show
2	shale	251
3	lime	254 base of the Kansas City
173	shale	427
2	lime	429
4	shale	433
9	lime	442 oil show
13	shale	455
9	broken sand	464 brown & green, good bleeding
1	coal	465
28	shale	493
1	coal	494
4	shale	498
6	lime	504
17	shale	521 ·
3	lime	524
21	shale	545
4	lme	549
13	shale	562
3	lime	565
12	shale	577
1	lime	578
23	shale	601
1	broken sand	602 brown & green, ok bleeding
1	silty shale	603

P. Winfrey 16-T

Page 2

1	broken sand	604 10% brown sand, 90% green shale
6 36 1 1 2 2 2 125 4 3 69	silty shale shale lime & shells broken sand oil sand broken sand shale silty shale oil sand shale	light bleeding 610 646 647 648 brown & black, ok bleeding 650 brown, good bleeding 652 brown & grey, ok bleeding 777 (772) red shale 781 green 784 black & grey sand, light bleeding 853 TD

Drilled a 9 7/8" hole to 22.5' Drilled a 5 5/8" hole to 853'

Set 22.5' of 7" surface casing cemented with 6 sacks of cement.

Set 843.2' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

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

July 16, 2013

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

Re: ACO1 API 15-003-25800-00-00 P. Winfrey 16-T 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