

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division 1133195

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: City: State: Zip:+			Feet from North / South Line of Section Feet from East / West Line of Section		
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:	W	ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
Oil WSW SWD SIOW			Elevation: Ground:	Kelly Bushing:	
∐ Gas	☐ ENHR	☐ SIGW ☐ 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
Dual Completion			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 III Approved by: Date:					

Page Two



Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitted						ogs must be ema	liled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run			es No						
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Perforate Protect Casing	Top Dottern								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-		_ ` `	skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, 1	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF Perf.	_		nmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

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 15-003-25788-00-00 P. Winfey 5-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.

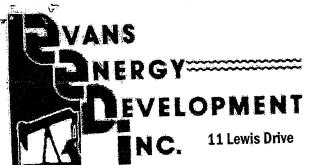
Respectfully, Christian L. Martin

FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT

	or 800-467-8676			IENT			
DATE	CUSTOMER#	WELL	NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/26/13 DUSTOMER	7806	P. Winfr	ey # 5 7w	5W 27	20	20	AN
USTOMER	water I	<u></u>		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS				506	FreMad	Satety	When
642	Avoidal	e Dr		495	HarBec	HO	7
CITY		STATE	ZIP CODE	369	Der Mas	DM.	
Orlahon	ua Cit	OK	73/16	503	Dan Det	00	
OB TYPE La		HOLE SIZE	- 7.	EPTH ठेउँ६	_ CASING SIZE & V		EUE
CASING DEPTH	826	DRILL PIPE	TUBING			OTHER	
SLURRY WEIGH	IT	SLURRY VOL_	WATER	gal/sk	CEMENT LEFT in	CASING 24	Plug
DISPLACEMEN"		DISPLACEMENT			RATE SAPM		
REMARKS: Ho	12 orew	meeting	Fstablish	pump rat	o. Mix Pun	100 FG	l -
£(12h. Mi	x x Pumb	123 sks 3	50/50 Par M	x Coment	5% al.	
Cen	mint to	sorface	. Flush pu	imp & line:	5 clean D	isplace à	<u>ئ</u> و*
rul	ober plug	, to cas	Mc TD. Pre	ssure to	300 * PSI. 1	lold + mo	nitor
		v 30 M	IM MIT. R	lease Dre	Schre to	ex Float	
	lue. Sh	ut_m_	zasny.				
			0				
					1		
EV	OMS FUEN	an Dev. I	inc. Travi	5	+wQ/	Naden	
Fν	ens French	gy Dov. I	nc. Travi	5	tudy.	Noden	
ACCOUNT CODE	QUANITY	<i>V</i>		CON of SERVICES or F	FORDUCT	UNIT PRICE	TOTAL
ACCOUNT		<i>V</i>			Fagy PRODUCT 495	UNIT PRICE	TOTAL
ACCOUNT CODE		<i>V</i>	DESCRIPTION			UNIT PRICE	
ACCOUNT CODE 5401	QUANITY	<i>V</i>	DESCRIPTION PUMP CHARGE	ON of SERVICES or F	49.5		1030°
ACCOUNT CODE 5401 5406 5402	QUANITY	or UNITS	DESCRIPTION PUMP CHARGE MILEAGE	ON of SERVICES or F			1030° N/C N/C
ACCOUNT CODE 5401 5406 5402 5407	QUANITY 82 Minim	or UNITS	PUMP CHARGE MILEAGE Cosmy foot	ON of SERVICES or F	49.5		1030° N/C N/C
ACCOUNT CODE 5401 5406 5402	QUANITY 82 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles	ON of SERVICES or F	495 503		1030°
ACCOUNT CODE 5401 5406 5402 5407	QUANITY 82 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles	ON of SERVICES or F	495 503		1030° N/C N/C
ACCOUNT CODE 5401 5406 5402 5407 55020	QUANITY 8. 5 Minim	or UNITS / 26 Com 2 hys	PUMP CHARGE MILEAGE Cagin foot Ton Miles 80 B.BC Vac	ON of SERVICES or F	495 503		1030° N/C N/C 175°E 189°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (PUMP CHARGE MILEAGE Cagin foot Ton Miles 80 B.BC Vac	ON of SERVICES or F	495 503		1030° N/C N/C 175°E 189°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS / 26 Com 2 hys	DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175°E 189°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (PUMP CHARGE MILEAGE Cagin foot Ton Miles 80 B.BC Vac	ON of SERVICES OF F	495 503		1030° N/C N/C
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175°E 189°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175°E 189°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175° 1,89° 1,89° 1,846 28°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175° 1,89° 1,89° 1,84°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175° 1,89° 1,89° 1,84°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175° 1,89° 1,89° 1,84°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175° 1,89° 1,89° 1,84°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503 369		1030° N/C N/C 175° 1,89° 1,89° 1,84°
ACCOUNT CODE 5401 5406 5402 5407 5502C	QUANITY 8: 5 Minim	or UNITS (DESCRIPTION PUMP CHARGE MILEAGE Cosm foot Ton Miles ROBBL Vac 50/50 Pon M	ON of SERVICES OF F	495 503		1030° N/C N/C 175° 1,89° 1,89° 1,84°

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 #5-IW
API #15-003-25,788
March 25 - March 26, 2013

- Consta	Formation .	<u>Total</u>
Thickness of Strata	soil & clay	13
13	clay & gravel	17
4	shale	49
32	lime	78
29 .	shale	144
66	lime	154
10		159
5	shale	193
34	lime	203
10	shale 	226 ·
23	lime	229
3	shale	253 base of the Kansas City
24	lime	425
172	shale	428
3	lime	
3	shale	431
. 2	lime	433 437
4	shale	446 oil show
9	lime	
5	shale	451
14	broken sand	465 brown & green, light bleeding
1	shale	466
1	coal	467
6	shale	473
15	broken sand	488 grey & white, no oil
8	shale	496
1	coal	497
7	shale	504
6	lime	510
15	shale	525
8	lîme	533
33	shale	566 .
7	līme	573
28	shale	601
2	oil sand	603 brown, good bleeding
3	broken sand	606 brown & green, good bleeding
2	silty shale	608
1	broken sand	609 brown & green, light bleeding
36	shale	645

P. Winfrey #5-IW

Page 2

1	lime & shells	646
1	sand	647 black, no oil show
5	oil sand	652 brown, ok bleeding
118	shale	770
5	sand	775 green, no oil show
6	oīl sand	781 brown, good bleeding
55	shale	836 TD

Drilled a 9 7/8" hole to 22.5' Drilled a 5 5/8" hole to 836'

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

Set 825.6' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.