

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1095502

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				
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:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet			
Operator:	If Alternate II completion, cement circulated from: sx cmt.			
Well Name: Original Comp. Date: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used:			
SWD Permit #:	Location of fluid disposal if hauled offsite:			
☐ ENHR Permit #: ☐ GSW Permit #:	Operator 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 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

October 02, 2012

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

Re: ACO1 API 15-003-25235-00-00 Wittman 2-IW SW/4 Sec.15-20S-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



LOCATION Other 185

FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT

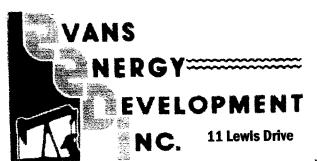
•	, nanute, K5 00/				VINCIAL VEL	OKI	•	,
	or 800-467-867			CEME	NT			
DATE	CUSTOMER#	WE	LL NAME & NUM	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
9/21/12	7806	Whit	man # 2	-IW	Sw 15	20	20	AN
CUSTOMER	1 ,							
Tailux	exter Inc.			_}	TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDR	ESS				481	Carken		DRIVER
6421 A	vondale [or Suite	212		lelele	GarMoo	ck_	
CITY	<u></u>	STATE	ZIP CODE				GM	
Oklahour	(L	OK	73116		370	Mik Haa	MH	
/ remember	1.7				510	SetTuc	ST	
JOB TYPE 6		HOLE SIZE	2 18	_ HOLE DEP	тн_733′	CASING SIZE & V	VEIGHT 27/	2.0
CASING DEPTH	1723	DRILL PIPE		TUBING		···· <u>-</u>	OTHER	
SLURRY WEIGI	HT	SLURRY VOL	· · · · · · · · · · · · · · · · · · ·	WATER ga	l/sk	CEMENT LEFT in	CASING	
DISPLACEMENT 4. 2 bls DISPLACEMENT PSI MIX PSI RATE 4. 5 bpm								
REMARKS: Le	ld safet ,	realism.	shill idre		tion, mixed		100 # F	
all follo							to Pose	
و 20 م		cemera			AI . [1		LX COMEAT
all in the case on The way 40 bills trail in the constant of the case of the								
xessure +	1 ~ 1			orestore			0 1-31, W	rece need
			t Pasta (OT GENERAL STREET	JONOI III C	easing.		
						 /_		
						11-		<u> </u>
							/ /	
							'	
ACCOUNT CODE	QUANITY	or UNITS	DI	ESCRIPTION	of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARC	3E				1030 00
5406	15 m	 પં	MILEAGE					(00.00
5402	7-23		casing	Contage			·	
~ 100x			+			· · · · · · · · · · · · · · · · · · ·		

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	15 mi	MILEAGE		(00.00
5402	723'	casing footage		
5407	1/2 minimum	ton mileage		175.00
22030	1.5 hrs	80 Vac		135.00
1124	/15 sts	50/50 Poznik cunent		1259.25
1118B	293 #	Premium Gel		(a), 53
4402		Premium Gel 21/2" rubber plug		28.00
				*
			1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	y y t.
		7.8	% SALES TAX	105.20
Ravin 3737			ESTIMATED TOTAL	2853.98

AUTHORIZTION No Co Rep on location TITLE

DATE_

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

WELL LOG

Paola, KS 66071

Tailwater, Inc. Wittman 2-IW API#15-003-25,235

September 19 - September 20, 2012

Thickness of Strata	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
82	shale	90
28	lime	118
64	shale	182
10	lime	192
5	shale	197
36	lime	233
4	shale	237
24	lime	261
3	shale	264
19	lime	283 base of the Kansas City
170	shale	453
3	lime	456
4	shale	460
7	lime	467 oil show
27	shale	494
4	coal	498
3	shale	501
6	oil sand	507 green, good bleeding
1	shale	508
1	coal	509
7	shale	516
7	lime	523
14	shale	537
6	lime	543
16	shale	559
8	lime	567
21	shale	588
5	lime	593
56	shale	649
1	lime & shells	650
9	oil sand	659 brown, good bleeding
1	broken sand	660 brown & grey, good bleeding
45	shale	705
28	broken sand	733 brown & grey, no oil show 733 TD

Drilled a 9 7/8" hole to 21.1' Drilled a 5 5/8" hole to 733'

Set 21.1' of 7" surface casing cemented with 6 sacks of cement.

Set 723.4' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.