

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1097559

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:
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:
Well Name: Original Total Depth: Original Total Depth:	feet depth to: w/ sx cmt. Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #: Dual Completion Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:
☐ SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec. TwpS. 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.

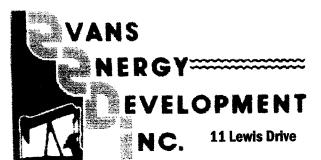
Submitted Electronically

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 l	Name: _			Well #:		
Sec Twp	S. R	East V	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		// Ol	T	d Damasat
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Ce	ement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing										
Plug Back TD Plug Off Zone										
Did you perform a hydrau	•					Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to							= :	p question 3)	of the ACO	()
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemicai d	isciosure re	gistry?	Yes	No (If No, fill	out Page Three	or the ACO-1	<i>)</i>
Shots Per Foot		ION RECORD - I Footage of Each I					cture, Shot, Cement mount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:		Packer A	i:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR. Prod	ducing Meth	ıod:		1				
			Flowing	Pumpin	g	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTERVA	
Vented Sold		Open		Perf.	Dually	Comp. Cor	mmingled			
	bmit ACO-18.)		(Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Tailwater, Inc. Wittman #7-IW (S16) API#15-003-25,344

October 3 - October 4, 2012

Thickness of Strata	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
120	shale	128
35	lime	163
22	shale	185
4	lime	189
44	shale	233
10	lime	243
8	shale	251
36	lime	287
5	shale	292
21	lime	313
3	shale	316
17	lime	333 base of the Kansas City
170	shale	503
3	lime	506
7	shale	513
8	lime	521 oil show
29	shale	550
16	oil sand	566 green, good bleeding
1	coal	567
5	shale	572
8	lime	580
15	shale	595
4	lime	599
19	shale	618
7	lime	625
15	shale	640
8	lime	648
12	shale	660
5	lime	665
45	shale	710
1	lime & shells	711
4	oil sand	715 brown, good bleeding
7	broken sand	722 brown & grey, good bleeding
4	shale	726
4	sand	730 black, no oil show
18	shale	748
19	broken sand	767 brown & grey, no oil show
		767 TD

Drilled a 9 7/8" hole to 21' Drilled a 5 5/8" hole to 767'

Set 21' of 7" surface casing cemented with 6 sacks of cement.

Set 757.1' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



LOCATION O X Yawa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT

620-431-9210	OF 800-467-8676)		CEMEN	T			
DATE	CUSTOMER#		NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
10/5/12	7806	wittma	m #7	・エル	SE 16	20	20	AN
CUSTOMER				1 .			1100	
Tail	water	Inc		_	TRUCK#	DRIVER	TRUCK#	DRIVER
				}	506	FreMad	Safek	WXa
6421	Avondalı	Dr.			495	Har Bec	4B	7
	- 1		ZIP CODE		675	Kei Det	KD	
OKlahon	na City	OK	73116		548	Mik Haa	MH	
JOB TYPE La		HOLE SIZE	57/8	_ HOLE DEPTH	767			EUE
CASING DEPTH	757	DRILL PIPE		_TUBING			OTHER	
SLURRY WEIGH	н	SLURRY VOL		WATER gal/s	k	CEMENT LEFT in	CASING 2'6'	Plus
DISPLACEMENT	r <u>4.4836</u>	DISPLACEMENT	' PSI			RATE S BP	m	7
					1004 6-6	Flush, x	Mir & Denn	0
	CKS 50/5	TO POE M	1ix Cen	nent 2%	Gel. Co	ment to	Surfice	ρ
Flue	sh QUMI	+ 1,500	dean.	Dienlas	0 24 × R	ubber plu	SUVIACE.	<u> </u>
TD	Press	ive to 8	100 at 10.0	1 1/	* 10/1	OV PIES	The Casi	<u> </u>
30,	ML MI	T Rilea	Ca Arca	- C (/ A)	40 E-X4	load Value	C 1 3	
	silve	1. / <u>~ Co</u>	- PV -		0 20.7	ioux varue	· Shut	12/
	3179							· · · · · · · · · · · · · · · · · · ·
		-						
1=	.		ے ج				Made	
<u> </u>	ans Ener	gy vev.	LUIC -	IZAVIS	·	720	77(0622	
ACCOUNT	QUANITY	or UNITS	DF	SCRIPTION of	SERVICES or PR	PODUCT	LINUX PRICE	
CODE							UNIT PRICE	TOTAL
5401			PUMP CHARG	SE		495		103000
5406		35m;	MILEAGE			495		100 09
5402		757	Casing	Factoge				NC

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or F	PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	495		103000
5406	25m:	MILEAGE	495		100 09
5402	757	Casing Factoge			NC
5407	1/2 Minimum	Ton Miles	548		17500
5502C	2 hvs	80 BBC Vac Truck	675		1000
1/24	110 5/15	50/50 Por Mix Coment			120450
111FB	215#	Promium Gel			59 85
4402	1	Premium Gel 22" Rubber Plug			2810
		<i>V</i>			
					*
				1 may 18	
Rayin 3737			7.8%	SALES TAX	10059
AUTHORIZTION_	Muhil	TITLE		ESTIMATED TOTAL DATE	2878 5

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

253523

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 15, 2012

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

Re: ACO1 API 15-003-25344-00-00 Wittman 7-IW SE/4 Sec.16-20S-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