

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1097529

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:			Feet from North / South Line of Section				
City: S	tate: Zi	p:+	Fe	eet from East / N	West Line of Section		
Contact Person:			Footages Calculated from Nearest Outside Section Corner:				
Phone: ()			□ NE □ NV	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 #:				
New Well Re	-Entry	Workover	Field Name:				
		_	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth:				
☐ Oil ☐ WSW ☐ D&A	SWD ENHR	∐ SIOW □ SIGW					
	GSW	Temp. Abd.					
CM (Coal Bed Methane)	dow	тетір. Ава.	Amount of Surface Pipe Se	et and Cemented at:	Feet		
Cathodic Other (Con	e, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No		
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, of	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:	Original To	otal Depth:					
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Manageme	nt Plan			
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t				
O constitued and	D		Chloride content:	ppm Fluid volume:	bbls		
<ul><li>Commingled</li><li>Dual Completion</li></ul>			Dewatering method used:				
SWD			Location of fluid disposal if	f haulad offsita:			
☐ ENHR			Location of fluid disposal fi	nauled offsite.			
GSW	Permit #:		Operator Name:				
_			Lease Name:	License #:			
Spud Date or Date Rea	ached TD	Completion Date or	QuarterSec	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 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 Taken Yes No (Attach Additional Sheets)							on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Da	tum
Cores Taken         ☐ Yes         ☐ No           Electric Log Run         ☐ Yes         ☐ No										
List All E. Logs Run:										
			CASING		☐ Ne					
	0: 11-1-	· ·				ermediate, product		// OI	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	ed Type and Percent 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 PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth				Depth		
TUBING RECORD:	BING RECORD: Size: Set At: Packer At: Liner Run:									
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)			

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 15-003-25346-00-00 Wittman 9-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



**TICKET NUMBER** LOCATION 0 x James "FOREMAN Fred Ma

RANGE

COUNTY

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

CUSTOMER#

DATE

Ravin 3737

AUTHORIZTION

### FIELD TICKET & TREATMENT REPORT CEMENT

SECTION

TOWNSHIP

WELL NAME & NUMBER

149/12	7806	111 + m	an 1 7-	1-60	SE 16	70	20	AN
USTOMER					TRUCK#	DRIVER	TRUCK#	DRIVER
AILING ADDRES	ss	<u></u>	<del></del>	1	369	Fremad	Safet	ned
		L brive		1	495	Kij Car	KC	
6 421	/140m.00	STATE	ZIP CODE	-	675	Kei Det	14.0	<del></del>
Oklahon	- City	OK	73116	1	548	Mikitaa	MH	
OB TYPE		HOLE SIZE	57/8-	 _ HOLE DEP	TH	CASING SIZE & W		EOF
ASING DEPTH	- d-	DRII I PIPE		TUBING	-		OTHER	
LURRY WEIGHT		SLURRY VOL_		WATER ga	l/sk	CEMENT LEFT in	CASING⊇½	<u>^ ۱۵ مر</u>
SPLACEMENT_	4.45BB	DICDLACEMEN	IT DCI	MIN DGI		PATE IN 19 AY	71	<del>-</del>
REMARKS: E	tablion	Dumore	75. M:	x & Pu	mg 100# Ge	e Flush, M	Diy + Pum	ρ
Ş	Ks 50/	50 Porm	1x Cem	ent 2	% Cul. C	ement to	Surface	
/=1 us	h Duma	1 Klmis	clean	Diso.	1ce 25	· Rubben P		·
Cas	ing TD	· Press	uve to	<i>&amp;</i> ට© <sup>≉</sup>	PS! No	ld & Moni	tor Pres	Sure
-	50 m	MIT.	Ralead	se Dre	ssure to	Sox Floor V	alue.	<del> </del>
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		<i>F</i>				4		
						POV	MaQue	
Evan	rsEnergy	Dov. I	nc. Ti	ravis	<u> </u>	Just 1		
	70		<del></del>				т	
CODE	QUANITY	f or UNITS	D	ESCRIPTION	of SERVICES or P	RODUCT	UNIT PRICE	TOTAL
5401		1	PUMP CHAR	GE		495		1030
5406			MILEAGE	_				NIC
5402	7	765	Casin	Foot	ogn			MC
5407	12 Mini	mism	Ton	Miles	/ -			17500
550ac	26		80 B	BL Vac	Truck			18000
					<del></del>			
1124		155KS	50/50	Por M	> Coment			12593
1118B	ã	294#	Prem	iun (	ed			61 7
4402		1	2/2"/	Rubber	Phre	· · · · · · · · · · · · · · · · · · ·		2500
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								1.0
								13.5%
								2
						*	1	
								105 2
						7.00	SALES TAX	

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 for

TITLE\_

253636

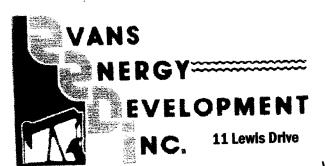
DATE

SALES TAX

ESTIMATED

TOTAL

283921



## 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 #9-IW API#15-003-25,346 October 8 - October 9, 2012

	eraki a.u	<u>Total</u>
Thickness of Strata	Formation	16
16	soil & clay	120
104	shale	156
36	lime	175
19	shale	185
10	lime	222
37	shale	232
10	lime	236
4	shale	271
35	lime	277
6	shale	301
24	lime	304
3	shale	320 base of the Kansas City
16	lime	
173	shale	493
3	lime	496
6	shale	502
7	lime	509 oil show
11	shale	520
11	oil sand	531 green, good bleeding
2	shale	533
1	coal	534
17	shale	551
4	sand	555 grey, no oil show
1	coal	556
3	shale	559
8	lime	567
17	shale	584
3	lime	587
18	shale	605
11	lime	616
81	shale	697
1	lime & shells	698
6	oil sand	704 brown, good bleeding
4	broken sand	708 brown & grey sand, good bleeding
4	shale	712
4	sand	716 black, no oil show
24	shale	740
۷-7	•	

Wittman #9-IW (S16)

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broken sand

775 brown & grey, no oil show 775 TD

Drilled a 9 7/8" hole to 21' Drilled a 5 5/8" hole to 775'

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

Set 765' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.