

C	onfiden	tiality	/ Request	ted:
	Yes	N	lo	

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

1102748

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:			Sec.	TwpS. R	East _ West
Address 2:			F6	eet from	South Line of Section
City: S	tate: Zi	p:+	Fe	eet from East / V	West Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Co	orner:
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:	We	ell #:
New Well Re	-Entry	Workover	Field Name:		
	_	_	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _	
☐ OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total De	epth:
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			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 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, whet vith final c	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						gs must be ema	liled to kcc-well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			J	on (Top), Depth		Samp	
Samples Sent to Geo	logical Survey	Ye	es No		Nam	e		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Sacks Used Type and Percent Additives					
Perforate Protect Casing	Top Detterm									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	•			Yes	No (If No, s	kip questions 2 a	nd 3)	
Does the volume of the t			_		-		= ` `	kip question 3)		
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, f	ill out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
						(			_	
TUBING RECORD:	Size:	Set At:		Packer A	<del></del>	Liner Run:				
		0017111		. dono. 7		[	Yes N	0		
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	Gra	avity
DIODOCITI	01.05.040			4ETUOD 05	001451	TION		DDODUCT	ONLINITED (A)	
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

November 27, 2012

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

Re: ACO1

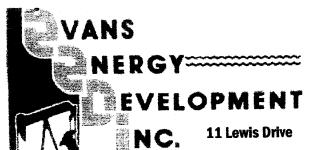
API 15-003-25615-00-00 Pedrow 2-T NE/4 Sec.28-20S-20E Anderson County, Kansas

#### **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



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

#### **WELL LOG**

Paola, KS 66071

Tailwater, Inc. Pedrow #2-T API#15-003-25,615

October 23 - October 24, 2012

Thickness of Strata  1 soil & clay 6 clay & gravel  Total 1 7	
6 clay & gravel 7	
84 shale 91	
27 lime 118	
69 shale 187	
10 lime 197	
8 shale 205	
35 lime 240	
8 shale 248	
21 lime 269	
3 shale 272	
22 lime 294 base of the Kansas City	
170 shale 464	
3 lime 467	
9 shale 476	
g lime 485 oil show	
12 shale 497	
6 oil sand 503 green, ok bleeding	
6 shale 509	
24 oil sand 533 green, good bleeding	
coal 534	
7 shale 541	
6 lime 547	
15 shale 562	
8 lime 570	
shale 603	
7 lime 610	
30 shale 640	
7 broken sand 647 brown & green, ok blee	ding
32 shale 679	
lime & shells 680	
7 oil sand 687 brown, good bleeding	
44 shale 731	
broken sand 732 brown & grey, light sho	W
13 shale 745	
11 silty shale 756	
1 broken sand 757 brown & green, light sh	ow
shale 769	

Pedrow #2-T		Page 2
3 3 1 7 4 40 3 4	broken sand shale broken sand shale broken sand shale sand oil sand silty shale	772 brown & grey, light show 775 776 brown & grey, light show 783 787 brown & grey, no show 827 830 grey, no oil show 834 brown, ok bleeding 836
26 31	sand shale	862 white, no oil show, making water 893 TD

Drilled a 9 7/8" hole to 21' Drilled a 5 5/8" hole to 893'

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

Set 883' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

## CONSOLIDATED Qij Well Services, LLC

**TICKET NUMBER** LOCATION Offama KS FOREMAN Fred Wader

PO Box 884, Cha	nute, KS	66720
620-431-9210 or		

### FIELD TICKET & TREATMENT REPORT

CUSTOMER  Tailwater Juc.  MAILING ADDRESS  MAILING ADDRESS  CITY  CITY  STATE	620-431 <b>-</b> 9210 (	or 800-467-8676	5		CEMEN				·
CUSTOMER  Tailwater Jac.  MAILING ADDRESS  6421 Hoor dale DV  CITY  STATE  STATE  STATE  STATE  JOB TYPE LODGE STATE  CASING DEPTH  SELURRY WEIGHT  DISPLACEMENT  SLURRY VOL  MIX PSI  REMARKS: Establish pump rate, Mix + Pump 100 ses Get Flush. Mix + Pump  SKS 50/50 Por Mix Cement 2% Follow Flug Ko  Casing TD. Pressure to 800 the PSI. Ralease pressure to set  Float Value. Shut in casing.	DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE '	COUNTY
TRUCK# DRIVER  TRUCK#	10/25/12	7806	Pedro	w d 2	-T	NE 28	20	20	AN
TRUCK# DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  DRIVER  DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  TRUCK# DRIVER  DRIVER  TRUCK# DRIVER  TO BETT DRIVER  TO BET	CUSTOMER							Mary Control of the C	
MAILING ADDRESS  6401 Avon dale DV  STATE ZIP CODE  OKIO KAMA CITY OK 73116  JOB TYPE LONG STATE DRILL PIPE TUBING  CASING DEPTH 883 DRILL PIPE TUBING  DISPLACEMENT 5.13 BRIDISPLACEMENT PSI MIX PSI RATE 5BPM  REMARKS: Establish pump rate, Mix + Pump 100 sps Cel Flush. Mix + Pump  SXS 50/50 POR MIX Cement 270 Fol. Cement to Surface.  Flush pump + I has clean. Displace 272" Pubbor thug to set float Value. Shit in casky.	Tai	Lwater	Inc.			TRUCK#	DRIVER	TRUCK#	DRIVER
OKIO KAMA CITY OK 73114  JOB TYPE LAMESTE 57/8 HOLE DEPTH 893 CASING SIZE & WEIGHT 27/8 EUE  CASING DEPTH 883 DRILL PIPE TUBING OTHER  SLURRY WEIGHT SLURRY VOL WATER GAL/SK CEMENT LEFT in CASING 2/2" Plug  DISPLACEMENT 5.13 BLDISPLACEMENT PSI MIX PSI RATE 5B/M  REMARKS: Establish pump rate. Mix + Pump 100 s/s Cel Flush. Mix + Pump  9xs 50/50 Por Mix Cement 27/0 [al. Cement to surface.  Flush pump + Ines clean; Displace 2½" Rubber Plug to  Casing TD. Pressure to 800 # PSI. Release pressure to set  float value. Shut in casing.	MAILING ADDRE	ESS		•		-506	Fre Mad	Safety	MX
OKIO KAMA CITY OK 73114  JOB TYPE LAMESTE 57/8 HOLE DEPTH 893 CASING SIZE & WEIGHT 27/8 EUE  CASING DEPTH 883 DRILL PIPE TUBING OTHER  SLURRY WEIGHT SLURRY VOL WATER GAL/SK CEMENT LEFT in CASING 2/2" Plug  DISPLACEMENT 5.13 BLDISPLACEMENT PSI MIX PSI RATE 5B/M  REMARKS: Establish pump rate. Mix + Pump 100 s/s Cel Flush. Mix + Pump  9xs 50/50 Por Mix Cement 27/0 [al. Cement to surface.  Flush pump + Ines clean; Displace 2½" Rubber Plug to  Casing TD. Pressure to 800 # PSI. Release pressure to set  float value. Shut in casing.	6421	Avoy da	le Dr_			495	Har Bec	0	0
JOB TYPE LONG STRING HOLE SIZE 57/8 HOLE DEPTH 893 CASING SIZE & WEIGHT 27/8 EUE  CASING DEPTH 883 DRILL PIPE TUBING OTHER  SLURRY WEIGHT SLURRY VOL WATER Gal/sk CEMENT LEFT IN CASING 3/2" Plag  DISPLACEMENT 5.13 B BLDISPLACEMENT PSI MIX PSI RATE 5B PM  PREMARKS: Establish pump rate, Mix + Pump 100 sks Cel Flush. Mix + Pump  SKS 50/50 Por Mix Cement 270 Col. Cement to 50 vface.  Flush pump + Ines clean; Displace 25° Rubber Phug to  Cosing TD. Pressure to 800 # PSI. Release pressure to est  float value. Shut in casing.	CITY		STATE	1		369	Der Mas	DM	!
JOB TYPE LONGSTON HOLE SIZE 57/8 HOLE DEPTH 893 CASING SIZE & WEIGHT 27/8 EVE  CASING DEPTH 883 DRILL PIPE TUBING OTHER  SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2/2" Plug  DISPLACEMENT 5.13 BLUISPLACEMENT PSI MIX PSI RATE 5BPM  REMARKS: Establish pump rate. Mix + Pump 100 s/cs Cel Flush. Mix + Pump  9/cs 50/50 Por Mix Cement 27/0 Cel. Cement to surface.  Flush pump + I mes clean. Displace 2 "2" Rubber Plug to  Casing TD. Pressure to 800 # PSI. Release pressure to eet  float value. Sluth a casing.	Oklaha	na City	OK	73116	] ,	548	Mik Hoa		
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2/2" Plug DISPLACEMENT 5.13 B BLDISPLACEMENT PSI MIX PSI RATE 5B PM  REMARKS: Establish pump rate. Mix + Pump 100 sks Gel Flush. Mix + Pump  9 ks 50/50 Por Mix Cement 2% [orl. Cement to surface.  Flush pump + I has clean; Displace 25 Pubber phug to  Cosing TD. Pressure to 800 # PSI. Release pressure to est  float value. Shut in casing.			HOLE SIZE	5718	_ HOLE DEPTH	<u>89.3</u>	CASING SIZE & W	/EIGHT <u> 2/6 E</u>	UE
DISPLACEMENT 5.13 B BLDISPLACEMENT PSI MIX PSI RATE 5BPM  REMARKS: Establish pump rate. Mix + Pump 100 sks Gel Flush. Mix + Pump  9KS 50/50 Por Mix Cement 2% [orl. Cement to surface.  Flush pump + I mes clean; Displace 2% Rubber plug to  Coshs TD. Pressure to 800 PSI. Release pressure to est  float value. Shut in cashy.	CASING DEPTH	1 <u>883</u>	DRILL PIPE		_TUBING		•		
REMARKS: Establish pump rate. Mix + Pump 100 sps Gel Flush. Mix + Pump  SKS 50/50 Por Mix Cement 2% [orl. Cement to surface.  Flush pump + I has clean. Displace 2 2 Rubber Houghto  Cosing TD. Pressure to 800 # PSI. Release pressure to set  float value. Shut in casing.	SLURRY WEIGH	HT	SLURRY VOL_		WATER gal/s	k			Plug
REMARKS: Establish pump rate, Mix + Pump 100 sps Gel Flush. Mix + Pump  SKS 50/50 Por Mix Cement 2% Col. Cement to surface.  Flush pump + I has clean; Displace 25 Rubber plug to  Cosha TD. Pressure to 800 # PSI. Release pressure to set  float value. Shut in cashy.	DISPLACEMEN	T 5.13 BB	LDISPLACEMEN	T PSI	MIX PSI				<i>d</i>
SKS 50/50 Por Mix Cement 2% Tol. Cement to surface.  Flush pump + Ines clean, Displace 25 Rubber plug to  Cosing TD. Pressure to 800 # PSI. Release pressure to est  float value. Shut in casing.	REMARKS: E	stablish	pump ra	ti. Mi	x + Pum	p 100 5145	Gel Flush.	MixxPun	np
Flush pump + I has clean. Displace 2 " Rubber flug to cosing TD. Pressure to 800 # PSI. Release pressure to set float value. Shut in casing.		9KS 50	150 Porx	nix Cen	rent 2%	Jul. C.			
Cosing TD. Pressure to 800 # PSI. Release pressure to set float value. Shut in casing.	- Fi	ush aum	10 + 1 Nex	clear	ci Disz	place 25	Rubber #	Hug to	1
Float value. Shut in casing.	Ca	cive TD.	Pressu	re to	800 # PS	31. Releas	e prossu	ive to e	et .
		ont valu	ie. Shut	M cas	My.				
Evans Energy Dev. Luc Travis Ful Made			i		<i></i>				
Evans Energy Dev. Luc Travis Ful Made			:						
Evans Energy Dav. Luc Travis Ful Made									
	E	vaus En	eran De	1, Luc	Travis		Fu	I Made	
			1				·	·	

• /				
QUANITY or UNITS	DESCRIPTION of SERVICES or PROD	DUCT	UNIT PRICE	TOTAL
	PUMP CHARGE	495		10300
25	MILEAGE	495		100 00
883	Casing footoge			NIC
1/2 Minimum	Ton Miles	548		ر کت <sup>ون</sup>
2 hrs	80 BBL Vac Truck	369		180-00
			•	
				50
130 SKS	50/50 Por Mix Center	-		142350
319*	Premiene al		•••	6699
1	21/2" Rubber Alug			2800
	Ø			
			· ·	•
:			* **	
	-			Si ki wi tak
		So plant de		
		7.8%	SALES TAX	11844
		, ,	ESTIMATED TOTAL	312193
	QUANITY OF UNITS  25 883 72 Minimum 2 hrs	QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PROD  PUMP CHARGE  MILEAGE  S83  Casing footoge  72 Minimum  Ton Miles  2 hrs  80 BBL Vac Truck  130 SKS  50/50 for Mix Cennux	QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  PUMP CHARGE  495  MILEAGE  495  883  Casing footoge  72 Minimum  Ton Miles  346  2 hrs  80 3BL Vac Truck  369	QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  PUMP CHARGE  PUMP CHARGE  Y95  883  Casing foology  Y2 Minimum  Ton Miles  SYE  2 hrs  80 13 Bt Vac Truck  369  130 SKS  50/50 for Mix Century  1 2/2" Rubb w Nlvy  1 2/2" Rubb w Nlvy  SALESTAX ESTIMATED

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

254055