

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1102900

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 Twp S. R		
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 ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW			Elevation: Ground: Kelly Bushing:		
☐ Gas ☐ D&A ☐ OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total De	epth:
CM (Coal Bed Methane)	dow	iemp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
Cathodic Other (Core, 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
CommingledDual Completion			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	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: Show open and closed, flowing and flow rates if gas to	ng and shut-in pressu surface test, along w	ires, whe ith final c	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosto space is neede	atic pressures, ed.	bottom hole temp	erature, fluid recovery,
Final Radioactivity Log, files must be submitted						gs must be em	alled to kcc-we	ii-iogs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sh	neets)	Ye	es No				ion (Top), Depth		Sample
Samples Sent to Geolo	gical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run		□ Ye	es No						
List All E. Logs Run:									
		Repo	CASING ort all strings set-c		Ne		tion, etc.		
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD)		
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type ar	nd Percent Additives	
Perforate Protect Casing Plug Back TD Plug Off Zone									
Plug Oil Zone									
Did you perform a hydraulic Does the volume of the total Was the hydraulic fracturin	al base fluid of the hydra	aulic fractu	uring treatment ex		-	Yes Yes Yes	No (If No	skip questions 2 ar skip question 3) fill out Page Three	,
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type A Specify Footage of Each Interval Perforated				acture, Shot, Cen Amount and Kind o	nent Squeeze Recor f Material Used)	d Depth			
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes	No	
Date of First, Resumed P	roduction, SWD or ENF	IR.	Producing Meth	od:	g \square	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er E	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		N	IETHOD OF	COMPI F	TION:		PRODUCTION	ON INTERVAL:
Vented Sold	Used on Lease		Open Hole	Perf.	Dually	Comp. Co	ommingled		
(If vented, Subn			Other (Specify)		(Submit)	ACO-5) (Sui	bmit 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 28, 2012

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

Re: ACO1

API 15-003-25626-00-00 Pedrow 15-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



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

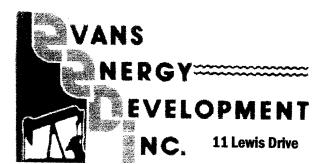
TICKET NUMBER 35200 LOCATION Ottawa KS FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#		L NAME & NUM	•	SECTION	TOWNSHIP	RANGE	COUNTY
1//14/12 CUSTOMER	7806	Pedrou	5 # 15	7	NE 28	20	20	AN
	il water	Luc			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS		-	· ·	566	Fre Mad		
(- 4	21 Avon	dale Dr						my
CITY	2 / 110 on	STATE	ZIP CODE	1	495	Har Bec	₩B C	V-
	ابا 🗸		İ		370	Keicar	<u>KC</u>	
Oklahon		OK	<u>73116</u> 578] 	(5/8	Set Tuc	ST_	
JOB TYPE ho		HOLE SIZE	378	HOLE DEPTH	1 907	CASING SIZE & W	/EIGHT <u> </u>	E UE
CASING DEPTH		DRILL PIPE		_TUBING			OTHER	
SLURRY WEIGH		SLURRY VOL_			k	CEMENT LEFT in	CASING <u>2½"</u>	P/Uz
DISPLACEMENT			T PSI				<u>m</u>	
REMARKS: F	stablish	pump r	ate Mi	x + Pum	p 100 # Gel	Flush. M	Y + Pump	
120	5KC 50/	to Don M	Ly Mayor	1x 20% /	al Com	and 1- C.	45-	
Flus	6 sums +	lines a	love Di	solace i	2/2" Rubb.	er plug to	cash To	<u></u>
P_{r}	ssure +	0 800	# PS1. F	elease	Pressure	2 to set	float	
			ashy.		7			
			0					
		-						
	<i>E.</i>	D	- P	Francisco	<u>.</u>	- L 0)	Nadu	
<u></u>	us Energ	gy ven	Juc-	IVavis,		Truck /	recu	
ACCOUNT			Τ					
CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401		,	PUMP CHARG	E		495		103000
5406	2	5	MILEAGE			495		100-00
5402	89		Cash	Lookans	4	, , ,		N/C
5407	1/2 Minin		, – <i>,</i>	Viles.	<u> </u>	510		17500
		ehr	80 B B		Truck	370		773-
55020		en r	NO DE	I Vac	WUER	. 6/4		13500
			-					
-								
1/24		20 sks	50/50	s for M	ix Cement			131400
1118B		302 L		un Cal				6342
4407		1	22" R	bbur	Plus			2800
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				·		**************************************	Light war and a	2 to 10 to 2
-								
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lavin 3737						7.8%	SALES TAX	10962
Idvill 9/9/							ESTIMATED TOTAL	20 04
AUTHORIZTION_	Thete			TITLE				<u> 155</u>
40 I HOKIZ HON_	7700			TITLE			DATE	

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.

254592



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG

Tailwater, Inc. Pedrow #15-T API#15-003-25,626

November 9 - November 13, 2012

Thickness of Strata	Formation	<u>Total</u>
10	soil & clay	10
85	shale	95
30	lime	125
68	shale	193
10	lime	203
6	shale	209
31	lime	240
9	shale	249
21	lime	270
3	shale	273
22	lime	295 base of the Kansas City
170	shale	465
3	lime	468
7	shale	475
6	lime	481 oil show
10	shale	491
6	oil sand	497 green, light bleeding
1	coal	498
12	shale	510
21	oil sand	531 green, ok bleeding
1	coal	532
7	shale	539
6	lime	545
15	shale	560
8	lime	568
33	shale	601
8	lime	609
27	shale	636
9	broken sand	645 brown & green, ok bleeding
29	shale	674
1	lime & shells	675
5	oil sand	680 brown, ok bleeding
4	shale	684
3	sand	687 black, no oil
86	shale	773
36	oil sand	809 brown, light show
25	oil sand	834 brown, ok bleeding

Pedrow #15-T

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1	coal	835
3	sand	838 white, no oil
69	shale	907 TD

Drilled a 9 7/8" hole to 22.5' Drilled a 5 5/8" hole to 907'

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

Set 896.7' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.