Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1123751

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

Name: Address 1:	Spot Description:				
Address 1:					
	Feet from Dorth / South Line of Section				
Address 2:					
City: State: Zip:+	Feet from East / West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()					
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:				
	Elevation: Ground: Kelly Bushing:				
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:				
OG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet				
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used?				
	If yes, show depth set: Feet				
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:				
Operator:	·				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:					
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan				
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)				
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls				
Dual Completion Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
ENHR Permit #:					
GSW Permit #:	Operator Name:				
	Lease Name: License #:				
Spud Date or Date Reached 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 Iwo	1123751
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Shee	ts)	Yes No		0	on (Top), Depth ar		Sample
Samples Sent to Geologic	al Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String Size Hole Size Casing Weight Setting Type of # Sacks Type and F						Type and Percent Additives	
		ADDITIONAL	CEMENTING / SQL	JEEZE RECORD			

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

5	No
;	No
;	No

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Ce (Amount and Kino	ement Squeeze Record I of Material Used)	Depth			
TUBING RECORD:	ING RECORD: Size: Set At: Packer At:			Liner F	lun:	No				
Date of First, Resumed	l Producti	ion, SWD or ENHF	}.	Producing Me	thod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ION OF G	AS:	METHOD OF COMPLE			TION:		PRODUCTION INTER	VAL:	
Vented Solo	ited Sold Used on Lease Open Hole Perf. Dually			ly Comp.						
(If vented, Su				(Submit A			,	(Submit ACO-4)		

256714-38713 TICKET NUMBER CONSOLIDATED LOCATION OHAwa Oil Well Services, LLC FOREMAN Cases Kening FIELD TICKET & TREATMENT REPORT PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676 CEMENT DATE CUSTOMER # WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY 7806 Pedrow # 13-IW NE. 28 20 2/11/13 70 An. CUSTOMER Tailwater Inc TRUCK # DRIVER TRUCK# DRIVER MAILING ADDRESS 481 Casken V Scilor 4421 Avondale Dr Soite 212 lelde KeiCar ZIP CODE CITY TATE MikHaa 548 1/ 73110 OK 1075 Ser Mas 1/ HOLE SIZE 5% 734' JOB TYPE longstring CASING SIZE & WEIGHT 2 Ha" EVE HOLE DEPTH CASING DEPTH チンは DRILL PIPE TUBING OTHER_ SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING DISPLACEMENT 4. 19 445 4.5bom DISPLACEMENT PSI MIX PSI RATE mixed + puin REMARKS: Lold pstablisted meetine salo ciccolation red 6.1 vater juncol 5%~~ mixa SIC cement r_ cener Ŋ, 1966 71 204100 Casina L 30 m ৯৩০ oless vie re in asino ACCOUNT DESCRIPTION of SERVICES or PRODUCT QUANITY or UNITS UNIT PRICE TOTAL CODE 030 5401 PUMP CHARGE Ø on lease MILEAGE 566 5402 5407 in mon lead 55020 0ë Vac ų ÷. 80 1124 sks 111 1215.45 cen 1118B 286 # 60.06 4402 1 200 ÷. . --وبرسيني 101,67 SALES TAX Ravin 3737 ESTIMATED 2790.18 TOTAL AUTHORIZTION 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



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

WELL LOG Tailwater, Inc. Pedrow #13-IW API #15-003-25,708 February 6 - February 8, 2013

Paola, KS 66071

Thickness of Strata	Formation	Total
4	soil & clay	4
3	clay & gravel	7
77	shale	84
27	lime	111
70	shale	181
10	lime	191
5	shale	196
38	lime	234
7	shale	241
21	lime	262
3	shale	265
22	lime	287 base of the Kansas City
172	shale	459
3	lime	262
8	shale	470 oil show
8	lime	478
9	shale	487
8	oil sand	495 green, light bleeding
15	shale	510
3	oil sand	513 green, light oil show
2	shale	515
12	oil sand	527 green, good bleeding
1	coal	528
7	shale	535
6	lime	541
15	shale	556
8	lime	564
33	shale	597 brown & green, ok bleeding
7	lime	604
30	shale	634
6	broken sand	640 brown & green, ok bleeding
34	shale	674
1	lime & shells	675
6	oil sand	681 brown, ok bleeding
4	shale	685
3	sand	688 black, no oil show
46	shale	734 TD

Page 2

Drilled a 9 7/8" hole to 21.3' Drilled a 5 5/8" hole to 734'

Set 21.3' of 7" surface casing cemented with 6 sacks of cement.

Set 723.8' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

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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/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

March 10, 2013

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

Re: ACO1 API 15-003-25708-00-00 Pedrow 13-IW 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, Christian L. Martin