KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

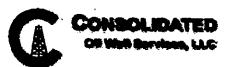
OPERATOR: License # 32461	API No. 15 - 003-24977-0000		
Name: Tailwater, Inc.	Spot Description:		
Address 1: 6421 Avondale Dr., Ste. 212	W2 SW.SW.SW Sec. 15 Twp. 20 S. R. 20 Fast West		
Address 2:	330 Feet from North / South Line of Section		
City: OKC State: OK Zip: 73116 +			
Christian Martin			
Contact Person: Christian L. Martin Phone: (405) 810-0900 CONTRACTOR: License # 8509	□ne □nw □se □sw		
CONTRACTOR: License # 8509	County: Anderson		
	Lease Name: West Wittman Well #: 8-IW		
Wellsite Geologist: n/a Purchaser: Pacer Energy Purchaser: Pacer Energy	Field Name: Garnett Shoestring		
Purchaser: Pacer Energy	Producing Formation: Squirrel		
Designate Type of Completion:	Elevation: Ground: 970' est Kelly Bushing: n/a		
New Well Re-Entry Workover	Total Depth: 788' Plug Back Total Depth: n/a		
✓ Oil □ wsw □ swp □ siow	Amount of Surface Pipe Set and Cemented at: 22.5		
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No		
☐ OG ☐ GSW ☐ Temp. Abd.	if yes, show depth set: Feet		
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:		
Cathodic Other (Core, Expl., etc.):	feet depth to: 22.5' w/ 6 sx cmt.		
If Workover/Re-entry: Old Well Info as follows:			
Operator:	Dulling Cluid Management Dien		
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)		
Original Comp. Date: Original Total Depth:	Chloride content:ppm Fluid volume:bbls		
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Dewatering method used:		
Conv. to GSW	Dewatering method used.		
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:		
Commingled Permit #:	Operator Name:		
Dual Completion Permit #:	Lease Name: License #:		
SWD Permit #:	Quarter Sec TwpS. R		
ENHR Permit #:	-		
GSW Permit #:	County: Permit #:		
<u>2/10/2011</u>			
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date			
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or copfiside two of this form will be held confidential for a period of 12 months if requiality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confiden il report shall be attached with this form. ALL CEMENTING TICKETS MUST		
AFFIDAVIT	KCC Office Use ONLY		
I am the affiant and I hereby certify that all requirements of the statutes, rules and lations promulgated to regulate the oil and gas industry have been fully complied	I I I attan of Camildantiality Canadyard		
and the statements herein are complete and correct to the best of my knowledge	1 6.		

ALT | | | | | | | | | | | | | | | | | Approved by:

UIC Distribution

Side Two

Operator Name: <u>Tai</u>	lwater, Inc.			_ Lease	Name: _	Nest Wittm	an	_Well #: <u>8-</u>	<u>IW</u>	
Sec. <u>15</u> twp <u>20</u>	s. r. <u>20</u>	East 🗌	West County: And			erson				·
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shu es if gas to surface te	t-in pressures st, along with	, whether si final chart(s	hut-in pres	ssure read	ched static level,	hydrostatic pres	sures, bottom	hole temp	erature, fluid
Drill Stern Tests Taken		☐ Yes	☑No		∠ L	og Formation	ন (Top), Depth ar	nd Datum		Sample
Samples Sent to Geological Survey Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		No		Name			Тор		Daturn	
		Squirrel Driller's Log attached								
List All E. Logs Run: Gamma Ray/N	leutron									
	<u></u>	Report al		RECORD conductor, s	No urface, into	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In			ight /Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
surface	9 7/8"	7"				22.5'	Portland	6		
completion	5 5/8"	2 7/8"				778'	Portland	136	50/50	POZ
		Α	DDITIONAL	CEMENT	ING/SQL	JEEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement #		#Sack	s Used	Type and Percent Additives				
Shots Per Foot		ON RECORD -					cture, Shot, Cemen		rd	Depth
2 706' - 726' (40 perfs)				75 gal. 15% HCL acid						
						155 bbls I	H2O; 35 sx	sand		
TUBING RECORD:	Size:	Set At:		Packer /	At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	HR. Pro	oducing Meth	nod:	ng 🗌	l	other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er Bl	bls.	Gas-Oll Ratio		Gravity
DISPOSITION DISPOS			N Hole [METHOD O		Comp. Con	nmingled —	PRODUCT	ON INTER	VAL:

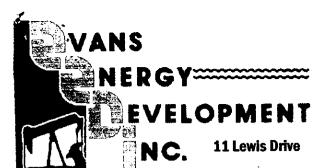


TICKET NUMBER 27323
LOCATION O + 1 aw 9
FOREMAN Blan Made

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

	or 800-467-8676			CEMEN	T				
DATE	CUSTOMER#		NAME & NUM		SECT	ION	TOWNSHIP	RANGE	COUNTY
2-11-11	7806	W.Wit	tmau	8 I-W	SW	15	20	20	AN
Jail wa						- 7			14
IAILING ADDRE	ESS	<u></u>		4	TRUC	K#	DRIVER	TRUCK#	DRIVER
6421	Avondale	ه. یکی	t- 010		5/6		Mann	SATEDY	Neet
TY (A)		STATE	IZIP CODE	┪	268		Ken H	1911	
Klahou	- P.+	DK	73116		503		Mien Nr	TRAM	
OB TYPE NO	19 (377)ni	HOLE SIZE	70114	_ HOLE DEPTI	78	(2)	DE/EX M CASING SIZE & W	VEIGHT 27/3	<u> </u>
ASING DEPTH	V 7 7 8 3	DRILL PIPE		_ HOLE BEFTI	'	<u>a</u>	CASING SIZE & W	OTHER	5
LURRY WEIGH		SLURRY VOL	<u> </u>	WATER gal/s			CEMENT LEFT in		<u> </u>
ISPLACEMENT		DISPLACEMENT	r PSI RADA	MIX PSI 6			RATE 4	2011	
EMARKS: H	3 A	v nee	, ———	Mixed	+ 0		100	tool 1	<i>(</i>)
Flush	hole y	Biloux	01 b	136	GK	50/	50 00 2	2000	0
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to ca). We	11 hel	\$ 800	PS	1	Set L	loot.	Closed
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Evans	Enera	4, Trow!	J.						1 1
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CODE	QUANITY	or UNITS	DE	ESCRIPTION of	SERVICE	S or PRO	DDUCT	UNIT PRICE	TOTAL
5401			PUMP CHARG		····				975.00
2406	25		MILEAGE	<u> </u>					100
3402	77	8	e cesi	10 for	o tas	0.			100.45
5407	Min		J	miles	 				330.00
55026	21/2		^~	a C	· · · · ·		<u>-</u> -		226.00
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		14					RECENTED		
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		}		<i>U</i>					
									
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								SALES TAX	11814
vin 3737								SALES TAX ESTIMATED	118.15
Vin 3737	Work			TITLE					118.15



Oil & Gas Well Drilling **Water Wells Geo-Loop Installation**

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Paola, K\$ 66071

West Wittman #8-IW

February 10 - February 11, 2011

	?	
Thickness of Strata	<u>Formation</u>	<u>Total</u>
4	soil & clay	4
81	shale	85
28	lime	113
20	shale	133
2	lime	135
24	shale	159
11	lime	170
25	shale	195
35	lime	230
7	shale	237
22	lime	259
4	shale	263
20	lime	283 base of the Kansas City
163	shale	446
2	lime	448
4	shale	452
11	lime ·	463 oil show
9	shale	472
3	sand	475 white, hard
10	sand	485 green, no oil
1	coal	486
4	shale	490
15	oil sand	505 green, ok bleeding
3	broken sand	508 grey, no oil
22	shale	530
3	sand	533 grey, no oil
6	shale	539 Ju CIVER
3	lime	542
24	shale	566 TOO, 2011
13	lime	579 Vin.
16	shale	595
3	lime	530 533 grey, no oil 539 542 566 579 595 598
9	shale	607
. 3	lime	610
46	shale	656
70	Jilalo	

West Wittman #6-W

Page 2

1	lime & shells	657
10	oil sand	667 light brown, good bleeding
1	broken sand	668 brown, light bleeding
2	silty shale	670
4	shale	674
2	sand	676
16	shale	692
14	broken sand	706 brown & grey sand, no oil
20	oil sand	726
62	sand	788 no oil
		788 TD

Drilled a 9 7/8" hole to 22.5' Drilled a 5 5/8" hole to 788'

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

Set 778' of 2 7/8" 8 round upset with 3 centralizers, 1 float shoe and 1 clamp.

KCC WICHITA