KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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

00404	000 04004 0000
OPERATOR: License # 32461	API No. 15 - 003-24981-0000
Name: Tailwater, Inc.	Spot Description:
Address 1: 6421 Avondale Dr., Ste. 212	n2_sw.sw.sw Sec. 15_twp. 20 s. R. 20 East West
Address 2:	495 Feet from North / South Line of Section
City: OKC State: OK Zip: 73116 +	330 Feet from ☐ East / ☑ West Line of Section
Contact Person: Christian L. Martin	Footages Calculated from Nearest Outside Section Corner:
Phone: (405) 810-0900	□NE □NW □SE □SW
Evans Energy Development Inc. 750c.	West Wittman 15-T
Wellsite Geologist: n/a Purchaser: Pacer Energy VCC 1011	Field Name: Garnett Shoestring
Wellsite Geologist: <u>n/a</u> Purchaser: <u>Pacer Energy</u> Designate Type of Completion: ✓ New Well ☐ Re-Entry ☐ Workover	Producing Formation: Squirrel
Posturate The of Commission	Elevation: Ground: 964 est Kelly Bushing: n/a
Designate Type of Completion:	Elevation: Ground: 504 CSL Kelly Bushing: 11/4
Ø oil □ wsw □ swd □ slow	Amount of Surface Pipe Set and Cemented at: 22.6 Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from: 0
	feet depth to: 22.6' w/ 6 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(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	•
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 East West
GSW Permit #:	County: Permit #:
1/27/2011 1/28/2011 2/17/2011	
Spud Date or Date Reached TD Completion Date or	
INSTRUCTIONS: An original and two copies of this form shall be flied with the Kansas 67202, within 120 days of the spud date, recompletion, workover or confision 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 for	enversion 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 confident report shall be attached with this form. ALL CEMENTING TICKETS MUST
AFFIDAVIT	KCC Office Use ONLY
l am the affiant and I hereby certify that all requirements of the statutes, rules and i lations promulgated to regulate the oil and gas industry have been fully compiled	
and the statements. Herein are complete and correct to the best of my knowledge	

Confidential Release Date:
Wireline Log Received
Geologist Report Received

ALT [] [X] II [] III Approved by: Db

UIC Distribution

Operator Name: <u>Tai</u>	lwater, Inc.			_ Lease	Name: _	West Wittm	<u>an</u>	_Well #:15	<u>-T</u>	
Sec. <u>15</u> Twp <u>20</u>	S. R. <u>20</u>			Count	y: And	erson				
INSTRUCTIONS: Shittime tool open and clorecovery, and flow rate line Logs surveyed.	osed, flowing and shi es if gas to surface to	ut-in pressi est, along v	ures, whether sl with final chart(s	hut-in pres	ssure rea	ched static level,	hydrostatic pres	sures, bottom	hole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional		☐ Y	es 🔽 No		⊘ L	og Formation	n (Top), Depth as	nd Datum		Sample
Samples Sent to Geological Survey Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		es 🗹 No	ŽNo		e rrel		Тор		Datum	
		es 🗌 No		Squirrel Driller's Log attached						
List All E. Logs Run: Gamma Ray/Î	Neutron									
		Dane		RECORD	_	ew Used				
Purpose of String	Size Hole Drilled	Sla	te Casing t (In O.D.)	We	ight / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
surface	9 7/8"	7"				22.6'	Portland	6		
completion	5 5/8"	2 7/8"				718.8'	Portland	103	50/50	POZ
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD	1			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	# Sack	s Used		Type and	Percent Additive	8	
Shots Per Foot			RD - Bridge Plug				cture, Shot, Cemer		rd	Depth
2	Specify Footage of Each Interval Perforate 662' - 672' (20 perfs)			orated			acid 15	· · · · · · · · · · · · · · · · · · ·		Оерит
			,				H2O; 30 sx			
					·					
TUBING RECORD:	Size: 2 7/8"	Set At: 718.8		Packer :	At:	Liner Run:	Yes No)		
	Production, SWD or El		Producing Metr	nod:	ing 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	0# 10	Bbls.	Gas O	Mcf	Wat	er B n/a	bls.	Gas-Oil Ratio		Gravity
☐ Vented ☐ Sol	ON OF GAS: d Used on Lease		_	METHOD O		Comp. Cor	nmingled mit ACO-4)	PRODUCT	ION INTER	IVAL:



TICKET NUMBER LOCATION D7 FOREMAN_

DATE

PO	Box	884,	Cha	nute,	KS	66720
820	431	-9210	or	800-	467-	8676

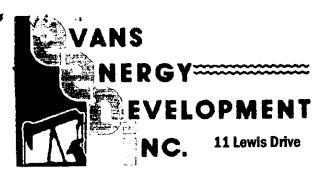
AUTHORIZTION

FIELD TICKET & TREATMENT REPORT

320-431-9210 (or 800-467-8676			CEMEN	T			
DATE	CUSTOMER#	WELL N	AME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
1-26-11	7800	WWith	Man	15-7	34 15	20	20	AN
CUSTOMER	rater			ł	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS			1	56	Alan M	Satety	Mesti
6421 A	rondule 1	or Ste	212		368	Ken H	21 4	
CITY		STATE Z	IP CODE	1	370	Cecil P		CHP
Oklahom	na City	OK R	3116	j	510	Time	MW	
JOB TYPE OF	19 6 Trine	HOLE SIZE	6	HOLE DEPT	пн <u>728</u>	CASING SIZE & V	VEIGHT 2 7	<u>8</u>
CASING DEPTH		DRILL PIPE		_TUBING	<u></u>		OTHER	
SLURRY WEIGH		SLURRY VOL	700	WATER gal	_	CEMENT LEFT In	· /	<u> </u>
DISPLACEMEN	, i -	DISPLACEMENT I		MIX PSI		RATE 4 6	DOF OA	to
	led co	ew Mee		103	ed & pu		20000	10
+ Jugh	losted a	followe		shed	Dumo.	fumped	Sugar	*>
Casi		Well	held	RO	PET	Sex fi	Dat. C	10880
1/1/4	3 0.		V. U					
								<u>.</u>
							w Mad	4
<u>Evans</u>	Ener	sy, Tro	2:5				NOO	
							wood _	
ACCOUNT						<u> </u>	1	
CODE	QUANITY	or UNITS	D:	ESCRIPTION	of SERVICES or PI	RODUCT	UNIT PRICE	TOTAL
5401	11		PUMP CHAR	GE				923.00
54/26	<u> </u>		AILEAGE	. 1	,		 	
2402	110	9	C. 45.	· ·	optage			157 50
5407	1/2 min	4	You.	M.las			\	157.50
35000	172	<u>'</u>	80 L				<u> </u>	130.00
	+							
1118.13						"CCC"	i	l I
	277	2 #	00			JIII	b	54,60
1136	273		90	50 00	2 ,	JUL U 1 20	b	54,60
1124		3 # 3 & K	ge	50 po	2 /	JUI 0 1 20	0	54.60 10 13.52
1124			ge 50/	50 po	2. /	JUL OF 20	,	54.60 10 (3.52 23.00)
1402			ge 50/2	50 po	2. /	JUL OF 20		54.60 10 (3.52 23.00
1124			9e1	50 po	2. /	JUL OF 20	7	54.60 10 (3.52 23.00)
1402		BGK (ge 20/2 26 Woth	50 po pllug 2394	2. / ₄	JUL OF 20		54.60 10 (3.52 23.00)
1124		BGK (36	50 po pllug 2399	2. / ₁	JUL OF 20	7	54.60 10 (3.52 23.00)
1402		BGK (36	50 po pllug 2399	2. / ₄	JUL OF 20		54.60 10 (3.52 23.00)
1124 4402		BGK (36	50 po pllug 2399	2. / ₄	JUL OF 20		54.60 10 13.52 23.00
1402		BGK (36	50 po	2. / ₍	JUL 0 1 20	7	10 (3.52 23.00)
1124 1402		BGK (36	50 po	2. 4	JUL OF 20	SALES TAX ESTIMATED	54.65 10 (3.52 23.00) 85.10 2408 3 2

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.

TITLE



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG Tailwater, Inc.

West Wittman #15-T API#15-003-24,981

January 27, 2011 - January 28, 2011

	:	
Thickness of Strata	<u>Formation</u>	<u>Total</u>
4	soil & clay	4 86 112 126 130 180 189 195 228 234 making water
82	shale	86
26	lime	112
14	shale	126
4	lime	130
50	shale	180
9	lime	189
6	shale	195
33	lime	228
6	shale	<u>,</u>
21	lime	255
5 .	shale	260
22	lime	282 base of the Kansas City
160	shal e	442
4	lime	446
3	shale	449
3	lime	452
2	shale	454
_ 12	lime	466 (460-oil show)
10	shale	476
5	sand	481 green & white, no oil
8	oil sand	489 brown & green sand, no bleeding
1	coal	490
11	shale	501
9	oil sand	510 brown, ok bleeding
1	silty shale	511
1	coal	512
46	shale	558
1	lime	559
5	shale	564
	lime	582
18	shale	598
16		601
3	lime	606
5	shale	609
3 .	lime	
19	shal e	628

West Wittman #15-T

Page 2

1	broken sand	629 green & brown sand, light oil show
28	shale	657
1 .	lime & shells	658
4	oil sand	667 brown, ok bleeding
1	broken sand	663 grey & brown oil sand
5	oil sand	668 brown, good bleeding
1	broken sand	669 brown & grey sand, light bleeding
5	silty shale	674
54	shale	728 TD

Drilled a 9 7/8" hole to 22.6' Drilled a 5 5/8" hole to 728'

Set 22.6' of 7" surface casing with 6 sacks cement

Set 718.8 ' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe, 1 clamp

659-669' PENFS

MECENNET MECHITI