## KANSAS CORPORATION COMMISSION CALL 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**

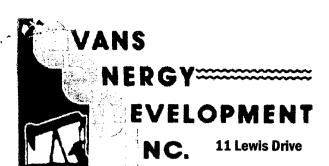
Name: Tailwater, Inc.  Address 1: 6421 Avondale Dr., Ste. 212  Address 2: 6421 Avondale Dr., Ste. 212  City. OKC  State OK Zip. 73116 .  Contact Person: Christian L. Martin  Phone: (405 ) 810-0900  Phone: (405 ) 810-0900  Phone: Evans Energy Development Inc.  Weilste Geologist: Ind.  Weilste William 20 Elevation: Ind.  Weilste Geologist: Ind.  Weilste Marker Weilster Geologist: Ind.  Weilster William 20 Elevation: Ind.  Weilster William	OPERATOR: License # 32461	API No. 15 - 003-24853-0000
Address 1: 6421 Avondale Dr., Ste. 212  Address 2: Corrust Person. Christian L. Martin  Phone: Contact Person. Phone: Christian L. Martin  Phone: Contact Person. Christian L. Martin  Phone: Contact	lailwater inc	
Address 2:  City: OKC		NWD2 ne nw sw Sec. 15 Twp. 20 S. R. 20 East West
Contact Person: Christian L. Martin  Contact Person: Christian L. Martin  Phone: (405 ) 810-0900  CONTRACTOR: License # 8509  Name: Evans Energy Development Inc.  Wellster Geologist: In/a  Pluchaser: Pacer Energy  Designate Type of Completion:  Well Re-Entry	Address 2:	24/5 2484 Feet from North / South Line of Section
Contact Person: Christian L. Martin Phone: (405 ) 810-0900  CONTRACTOR: License & 5509 Name: Evans Energy Development Inc.  Wellste Geologist: (1/8  Purchaser: Pacer Energy  Purchaser: Pacer Energy  Purchaser: Pacer Energy  Pourbaser: Pacer Energer  Pourbaser: Pacer Energer  Pourbaser: Pacer Ene	City: OKC State: OK Zip: 73116 +	990 4502 Feet from V East / West Line of Section
Phone: (405    810-0900	Contact Person: Christian L. Martin	Footages Calculated from Nearest Outside Section Corner:
CONTRACTOR: License # 8509  Name: Evans Energy Development Inc.  Weltate Geologist In/a  Purchaser: Pacer Energy  Designate Type of Completion:  Weltate Geologist Type of Completion:  Possignate Type of Completion:  New Welt   Re-Entry   Workover   Total Depth:   Total Depth:	Phone: (405) 810-0900	
Lease Name   Lease Name   Lease Name   Well #   1-1	CONTRACTOR: License # 8509	County: Anderson
Purchaser. Pacer Energy	Name: Evans Energy Development Inc.	West Wittman Well # 1-T
Producing Formation: Bartlesville    Producing Formation: Bartlesville	I-	
Designate Type of Completion:    Designate Type of Completion:   Re-Entry		
Amount of Surface Pipe Set and Cemented at: 21.5   Feet Gas   Gas	Designate Type of Completion:	
Amount of Surface Pipe Set and Cemented at: 21.5   Feet Gas   Gas		<del>-</del> _ <del>-</del>
Gas   D&A   ENHR   SIGW   Multiple Stage Cementing Collar Used?   Yes   No   Feet   Condition   Multiple Stage Cementing Collar Used?   Yes   No   If yes, show depth set:		Amount of Surface Pine Set and Comented at 21.5
CM (Coal Bad Methane)		
CM (Coal Bed Methane)   If Alternate II completion, cement circulated from:   O		
Cathodic   Other (Core, Expl., etc.):   feet depth to: 21.5'   w/ 6   sx cmt.		0
If Workover/Re-entry: Old Well Into as follows:    Operator:		04 51
Well Name:		teet depth to:w/sx cmt.
Well Name:	Operator:	
Original Comp. Date:	Well Name:	
Deepening   Re-perf.   Conv. to ENHR   Conv. to SWD   Chloride content:   ppm Fluid volume:   bbls   Dewatering method used:   Dewatering method used:   Location of fluid disposal if hauled offsite:   Commingled   Permit #:   Location of fluid disposal if hauled offsite:   Commingled   Permit #:   Location of fluid disposal if hauled offsite:   Commingled   Permit #:   Location of fluid disposal if hauled offsite:   Commingled   Completion   Permit #:   Lease Name:   License #:   Country:   Permit #:   Permit		
Conv. to GSW    Plug Back:		
Commingled	<u></u>	Dewatering method used:
Dual Completion	Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Dual Completion	Commingled Permit #:	Operator Name:
GSW Permit #:	Dual Completion Permit #:	
GSW Permit #:  8/4/10 8/5/10 8/31/10  Spud Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  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.  Signature:  ARECENVED  Confidential Release Date:  Confidential Release Date:  Wireline Log Received  Confidential Release Date:  Wireline Log Received	SWD Permit #:	
8/4/10  Spud Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  AFFIDAVIT  I am the affiant and I hereby certify that all requirements of the statutes, rules and regelations promulgated to regulate the oil and gas industry have been fully complied with and the statements hatein are complete and correct to the best of my knowledge.  Signature:  ARECEIVED  Wireline Log Received  Contidential Release Date:  Wireline Log Received  Wireline Log Received	■ ENHR Permit #:	
Spud Date or Recompletion Date    Completion Date   Completion Date		County: Permit #:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  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 hatein are complete and correct to the best of my knowledge.  Signature:  ARECEIVED  Wireline Log Received  Contributed Received  Signature:  ARECEIVED		
Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  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.  Signature:  Wireline Log Received  Confidential Release Date:  Wireline Log Received  Confidential Release Date:  Wireline Log Received		
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 have in are complete and correct to the best of my knowledge.    Letter of Confidentiality Received   Date:	Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if retiality in excess of 12 months). One copy of all wireline logs and geologist with the complete of the copy of all wireline logs.	conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information equested in writing and submitted with the form (see rule 82-3-107 for confiden well report shall be attached with this form. ALL CEMENTING TICKETS MUST
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 have in are complete and correct to the best of my knowledge.    Letter of Confidentiality Received   Date:	A ==== A.V.=	
lations 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.    Letter of Confidentiality Received   RECEIVED		
Signature: Alagers Substantial Release Date:    Confidential Release Date:		ed with Letter of Confidentiality Received RECEIVED
Signature: Machine Log Received		age.
Signature: Miller On Miller	1/2 Kh _	
/ Dev //	Signature: Maley & Marles	Geologist Report Received

## Side Two

Operator Name: <u>Tai</u>	lwater, Inc.			Lease	Name: _	west wittm	<u>an</u>	Well #:1-	<u> </u>	
Sec. <u>15</u> Twp20	s. r. <u>20</u>	East	□ West	Coun	ty: And	erson		·····	<del></del>	
INSTRUCTIONS: Shatime tool open and clarecovery, and flow ratione Logs surveyed.	osed, flowing and sh es if gas to surface t	ut-in press est, along	ures, whether s with final chart	shut-in pre	ssure rea	ched static level,	hydrostatic pr	ressures, bottom	hole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional		Y	′es <b>√</b> No			/ og Formatio	n (Top), Depth	and Datum	Sample	
Samples Sent to Geo	logical Survey	□ Y	′es <b>☑</b> No		Nam	е		Тор	Į.	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	y)				Drille	er's Log atta	ached			
Gamma Ray/N	leutron									
		Rep		RECORD		ew Used ermediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
surface	9 7/8"	7"				21.5'	Portland	6		
completion	5 5/8"	2 7/8"				728'	Portland	89	50/50	POZ
ADDITIONA  Purpose: Depth Type of Cement Top Bottom					CEMENTING / SQUEEZE RECORD  # Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD Plug Off Zone										
Shots Per Foot			RD - Bridge Plug Each Interval Per		)		cture, Shot, Cen	nent Squeeze Reco	rd	Depth
2	666 - 676' (2	1 perfs	)			75 gal. 15% HCL				
	30 sx sand - 1			d - 116 bl	bbl H2O					
TUBING RECORD:	Size:	Set At: <b>728'</b>	<del></del>	Packer	At:	Liner Run:	Yes 🗆	No.		
Date of First, Resumed 8/31/10			Producing Met	hod:	ing 🔲		ther (Explain)			
Estimated Production Per 24 Hours	0ii 10	Bbis.	Gas O	Mcf	Wate	er Bt <b>/a</b>	ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	<b>_</b>		Dpen Hole [	METHOD C	F COMPLE Dually (Submit A	Comp. Com	nmingled nit ACO-4)	PRODUCTI	ON INTER	R:72

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

KCC WICHTA



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 #1-T API# 15-003-24,853 August 4 - August 5, 2010

Thickness of Strata	<u>Formation</u>	Total
10	soil & clay	10
78	shale	88
27	lime	115
16	shale	131
10	lime	141
41	shale	182
13	lime	195
5	shale	200
35	lime	235
5	shale	240
22	lime	262
4	shale 	266
17	lime	283 base of the Kansas City
167	shale	450
2	lime	452
4	shale	456
3	lime	459
6	shale ·	465
7	lime	472 good oil show
14	shale	486
6	sand	492 green, no oil
8	shale	500
10	sand	510 no ol
11	oil sand	521 lite bleeding
8	shale	529
6	lime	535
17	shale	552
2	lime	554
20	shale	574
.8	lime	582
21	shale	603
4	lime	607
15	shale	622 RECEIVED
2	lime	624
42	shale	666 MAR U / 2011
10	oil sand	676 lite brown, good bleeding
5	broken sand	676 lite brown, good bleeding WICHITA

West Wittman #1-T

Page 2

9

silty shale

690

38

shale

728 TD

Drilled a 9 7/8" hole to 21.5' Drilled a 5 5/8" hole to 728'.

Set 21.5' of 7" surface casing with 6 sacks of cement.

Set 718.6' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe and 1 clamp.

RECEIVED
MAR 07 2011
KCC WICHITA



FOREMAN\_

TOTAL

DATE

PO Box 884, Chanute, KS 66720

**AUTHORIZTION** 

## FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-467-8676	3		CEMEN	<b>IT</b>			
DATE	CUSTOMER#		L NAME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY
8-6-10	7800	W.W	: 22mgn	IT	Sw 15	$\partial \mathcal{D}$	20	AN
CUSTOMER	water.			ŀ	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS	<del></del>		4	516	At AA	Av. Los	Meel
	Aroud	ate.			3/18	Va V	KHI EDS	Wiee.
CITY	710000	STATE	ZIP CODE	<b>1</b> ,	369	Church.	Call	
OKlah	Dong Cit	NOK	73116	,[	548	F.M 11)	MAN I	
JOB TYPE	ing Strul	HOLE SIZE	57/8	HOLE DEPT		CASING SIZE & V	VEIGHT 2	18
CASING DEPTH	J718	DRILL PIPE		_TUBING		<del></del>	OTHER	
SLURRY WEIGH	66	SLURRY, VOL_		WATER gal/	sk	CEMENT LEFT in	CASING_1/Q	5
DISPLACEMENT	7.17	DISPLACEMEN	T PSI_ <u>800</u>	MIX PSI	200	RATE 416	pm	<del></del>
REMARKS:	Teld C	cey is	1eegin	9 N	1 ixed 4	- pump	ed 100	)# ·
980	o Hus	h hole	FOLT	pwed	2 6,12	1/38	50150	por_
2/0 8	Beli C;	C T ( W)	red C	2meni	1 3/45	hed pu	mp.	Pampe
POR	1000	5000	ialue,	veri	neid	BOO P	51.0	20
- Fubas	Clo	Jed U	alvei					
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<del></del>						/ VIAAA	Mo	de
						19		
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION o	f SERVICES or PRO	ODUCT	UNIT PRICE	TOTAL
3401	1		PUMP CHARG	E				925.0
5406		25	MILEAGE		·	~~		91.25
2405	11	<u> </u>	easi	as to	optage			-
3407	1/2	mia	ton.	mile	5			157.57
5302C	l('	12	800	aU				150,00
	<u> </u>	<del></del>						
7								
11102	25	34	<del>                                     </del>		· · · · · · · · · · · · · · · · · · ·			
11183	22	5 <sup>-7</sup>	gr					50.60
1124	8	75 1		TO AO	2	·		875.70
4402	1		2.2	Blug	<u> </u>			2300
		<del></del>		•				2.
			<del>                                     </del>				RECEN	FD
	<del> </del>	<del></del>	WD#		3		WAR 97	2017
1			WU S			•		
			1 2	3598	<del>27</del>		KEC WIC	HIA
		<del></del>				<b>~~</b>		000/-
				<del></del>		7.8%	SALES TAX.	74 1
Ravin 3737	<del></del>	······································	<u>.                                    </u>		· · · · · · · · · · · · · · · · · · ·	77.0	SALES IAX	74.05

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.