

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

**ORIGINAL** 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  
Name: Tailwater, Inc.  
Address 1: 6421 Avondale Dr., Ste. 212  
Address 2: \_\_\_\_\_  
City: OKC State: OK Zip: 73116 + \_\_\_\_\_  
Contact Person: Christian L. Martin  
Phone: ( 405 ) 810-0900  
CONTRACTOR: License # 8509  
Name: Evans Energy Development Inc.  
Wellsite Geologist: n/a  
Purchaser: Pacer Energy

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     S1OW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

6/30/10    7/1/10    n/a  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 003-24789-00-00  
Spot Description: \_\_\_\_\_  
w2 se se ne Sec. 21 Twp. 20 S. R. 20  East  West  
2970 Feet from  North /  South Line of Section  
520 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Anderson  
Lease Name: Lickteig Well #: 3-1W  
Field Name: Garnett Shoestring  
Producing Formation: Squirrel  
Elevation: Ground: 995 est Kelly Bushing: n/a  
Total Depth: 796 Plug Back Total Depth: n/a  
Amount of Surface Pipe Set and Cemented at: 22.5 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 0  
feet depth to: 22.5' w/ 5 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
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 herein are complete and correct to the best of my knowledge.

Signature: Stacy B. Martin  
Title: Officed Mgr Date: 3-31-11

**KCC Office Use ONLY**

Letter of Confidentiality Received    **RECEIVED**  
Date: \_\_\_\_\_  
 Confidential Release Date: MAY 31 2011  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Dlg Date: 6/8/11

Operator Name: Tailwater, Inc. Lease Name: Lickteig Well #: 3-IW  
 Sec. 21 Twp 20 S. R. 20  East  West County: Anderson

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Gamma Ray/Neutron</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  <b>Driller's Log attached</b>
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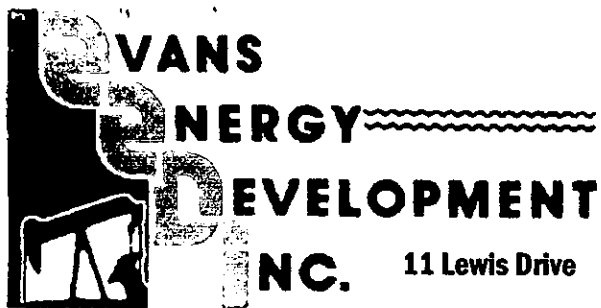
CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	9 7/8"	7"		22.5'	Portland	5	
completion	5 5/8"	2 7/8"		786.1'	Portland	99	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	723' - 732' (19 perfs)	n/a	
		n/a	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>786.1'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>RECEIVED</b> <b>MAY 31 2011</b>
Date of First, Resumed Production, SWD or ENHR: <u>n/a</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u>KCC WICHITA</u>	
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>0</u>	Water Bbls. <u>n/a</u> Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**VANS  
ENERGY  
DEVELOPMENT  
INC.**

11 Lewis Drive

Paola, KS 66071

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

Phone: 913-557-9083

Fax: 913-557-9084

**WELL LOG**  
Tailwater, Inc.  
Lickteig #3-IW  
API# 15-003-24,789  
June 30 - July 1, 2010

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
18	soil & clay	18
124	shale	142
29	lime	171
13	shale	184
4	lime	188
48	shale	236
12	lime	248
6	shale	254
29	lime	283
2	shale	285
5	lime	290
3	shale	293
21	lime	314
2	shale	316
23	lime	339 base of the Kansas City
171	shale	510
8	lime	518
4	shale	522
8	lime	530 oil show
18	shale	548
4	sand	552 lite brown, very little bleeding
1	coal	553
5	shale	558
16	sand	574 lite brown, good bleeding
11	shale	585
5	lime	590
15	shale	605
5	lime	610
20	shale	630
8	lime	638
20	shale	658
4	lime	662
23	shale	685
5	sand	690 lite brown, lite bleeding
33	shale	723
9	sand	732 lite brown, lite bleeding
64	shale	796 TD

RECEIVED  
MAY 31 2011  
KCC WICHITA

Lickteig #3-IW

Page 2

Drilled a 9 7/8" hole to 23'  
Drilled a 5 5/8" hole to 796'

Set 22.5' of 7" surface casing with 5 sacks of cement.

Set 786.1' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe and 1 clamp.

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MAY 31 2011  
KCC WICHITA



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 26964  
LOCATION Ottawa  
FOREMAN Alan Maden

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-2-10	<del>7000</del>	Hickory 3FW	NF 21	20	20	AN
CUSTOMER Tail water			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 6421 Arundale			516	Alan M	Safex	Matt
CITY	STATE	ZIP CODE	164	Alan M	Shel	
Oklahoma City	OK	73116	369	Chuck L	ChL	
JOB TYPE <u>long string</u>	HOLE SIZE <u>5 1/8</u>	HOLE DEPTH <u>797</u>	548	Derek M	DM	
CASING DEPTH <u>787</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT IN CASING <u>yes</u>			
DISPLACEMENT <u>4/2</u>	DISPLACEMENT PSI <u>800</u>	MIX PSI	RATE <u>4 bpm</u>			
REMARKS: <u>Held crew meeting. Mixed &amp; pumped 100# gal to flush hole. Mixed &amp; pumped 101 sx 50/50 pps, 270 gal. Circulated cement. Flushed pump. Pumped plug to casing TD. Well held 800 PSI. Set float closed valve.</u>						

Held 800 PSI for 30 min MIT

*Alan Maden*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		923.22
5406	23	MILEAGE		91.25
5402	787	casing footage		
5407	Yamin	top mileage		157.50
5502C	2	SD val		200.00
1118B	270#	gal		54.00
1124	99.5K	50/50 pps		974.16
4402	1	2 1/2 plug		23.00
				RECEIVED
				MAY 31 2011
				KCC WICHITA
				SALES TAX
				ESTIMATED
				TOTAL

WO# 235168

81.98  
2506.89

Revin 3737

AUTHORIZATION *[Signature]* 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.