

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  
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       SIOW  
 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 #: \_\_\_\_\_

6/22/10      6/23/10      7/15/10  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - 003-24791-00-00

Spot Description: \_\_\_\_\_  
se ne se ne Sec. 21 Twp. 20 S. R. 20  East  West  
3525 Feet from  North /  South Line of Section  
165 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Anderson

Lease Name: Lickteig Well #: 4-T

Field Name: Garnett Shoestring

Producing Formation: Squirrel

Elevation: Ground: 988 Kelly Bushing: n/a

Total Depth: 785 Plug Back Total Depth: n/a

Amount of Surface Pipe Set and Cemented at: 23.2' 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: 23.2' 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: Steve B. Martin

Title: Office Mgr Date: 3-31-11

**KCC Office Use ONLY**

Letter of Confidentiality Received

Date: \_\_\_\_\_ RECEIVED

Confidential Release Date: \_\_\_\_\_ APR 04 2011

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: DJG Date: 4/2/11 KCC WICHITA

Operator Name: Tailwater, Inc. Lease Name: Lickteig Well #: 4-T  
 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 type="checkbox"/> Yes <input checked="" 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"		23.2'	Portland	5	
completion	5 5/8"	2 7/8"		784'	Portland	113	50/50 POZ

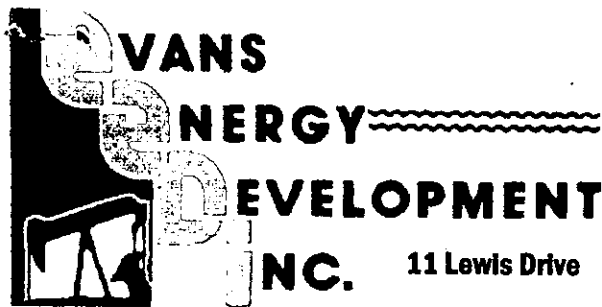
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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	670' - 680' (21 perfs)	200 gal. 7.5% HCL acid	
		210 bbl H2O	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>784'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>7/15/10</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>10</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 #4T  
 API# 15-003-24,791  
 June 22 - June 23, 2010

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
115	shale	129
2	lime	131
2	shale	133
24	lime	157
13	shale	170
4	lime	174
48	shale	222
13	lime	235
3	shale	238
36	lime	274
6	shale	280
18	lime	298
3	shale	301
23	lime	324 base of the Kansas City
170	shale	494 oil show
3	lime	497
4	shale	501
3	lime	504
2	shale	506
10	lime	516 oil show
4	shale	520
5	sand	525 green, no oil
14	sand	539 green, brown sand, good bleeding
4	shale	543
10	sand	553 brown, good bleeding
2	broken sand	555
4	sand	559 brown, little bleeding
12	shale	571
7	lime	578
12	shale	590
4	lime	594
20	shale	614
10	lime	624
19	shale	643
3	lime	646
24	shale	670
4	sand	674 brown, lite bleeding

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31	shale	705
13	sand	718 brown, OK bleeding
2	shale	720
4	sand	724 black, no oil
61	shale	785 TD

Drilled a 9 7/8" hole to 23.2'

Drilled a 5 5/8" hole to 898'

Set 23.2' of 7" surface casing with 5 sacks of cement.

Set 784' of 2 7/8" 8 round upset tubing, 3 centralizers, 1 float shoe and 1 clamp.

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**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 26977  
LOCATION Ottawa KS  
FOREMAN Fred Maden

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

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/25/10	7806	Lickteig # 4T	NE 22	20	20	AN
CUSTOMER <u>Tailwater Inc.</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>6421 Avondale Dr. Ste 212</u>			<u>506</u>	<u>Fred</u>		
CITY STATE ZIP CODE <u>Oklaoma City OK</u>			<u>368</u>	<u>Ken</u>		
			<u>370</u>	<u>Arlen</u>		
			<u>570</u>	<u>Derek</u>		

JOB TYPE Longstring HOLE SIZE 5 1/8 HOLE DEPTH 785' CASING SIZE & WEIGHT 2 3/8 EUE  
CASING DEPTH 784' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 2 3/8" Plug  
DISPLACEMENT 4.5 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4BPM

REMARKS: Establish circulation. Mix + Pump 100# Premium Gel  
Flush. Mix + Pump 115 SKS 50/50 Por Mix Cement 2 3/8  
Gal. Cement to Surface. Flush pump + lines clean.  
Displace 2 3/8" Rubber plug to casing TO w/ 4.55 BBLs  
Fresh water. Pressure to 700# PSI. Release pressure  
to set float valve. Shut in casing.

Evans Energy Dev. Inc. Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		900 <sup>00</sup>
5406	25 mi	MILEAGE Pump Truck		88 <sup>75</sup>
5402	724'	Casing Footage		U/C
5407 A	1/2 minimum	Ton Miles		152 <sup>50</sup>
5502 C	2 hrs	80 BBL Vac Truck		192 <sup>00</sup>
1124	113 SKS	50/50 Por Mix Cement		1079 <sup>15</sup>
1118 B	293 <sup>#</sup>	Premium Gel.		58 <sup>60</sup>
4402	1	2 3/8" Rubber Plug		23 <sup>00</sup>
<b>RECEIVED</b> APR 11 2011 KCC WICHITA				
<u>W/D 234964</u>				
6.8% SALES TAX ESTIMATED TOTAL				78 <sup>75</sup> 2572 <sup>93</sup>

Flavin 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