

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 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 #: _____
9/7/10 9/8/10 n/a
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 003-24788-00-00
Spot Description: _____
sw.ne.se.ne Sec. 21 Twp. 20 S. R. 20 East West
3330 Feet from North / South Line of Section
345 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Anderson
Lease Name: Lickteig Well #: 2-IW
Field Name: Garnett Shoestring
Producing Formation: Squirrel
Elevation: Ground: 991 est Kelly Bushing: n/a
Total Depth: 798 Plug Back Total Depth: n/a
Amount of Surface Pipe Set and Cemented at: 21.5 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: 21.5' w/ 6 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: Christian L. Martin
Title: Office Mgr Date: 3-31-11

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dlg Date: 6/8/11
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Operator Name: Tailwater, Inc. Lease Name: Lickteig Well #: 2-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: Gamma Ray/Neutron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Driller's Log attached
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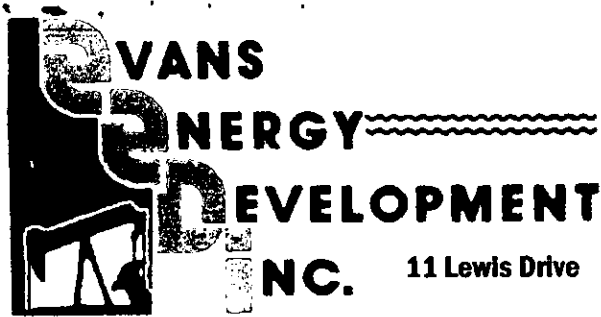
CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	9 7/8"	7"		21.5'	Portland	6	
completion	5 5/8"	2 7/8"		786.7'	Portland	105	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	714' - 724' (21 perfs)	n/a	
		n/a	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>786.7'</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No		RECEIVED MAY 31 2011 KCC WICHITA
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) _____
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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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 #2-IW

API# 15-003-24,788

September 7 - September 8, 2010

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
6	shale	12
2	lime	14
119	shale	133
32	lime	165
64	shale	229
11	lime	240
6	shale	246
30	lime	276
9	shale	285
20	lime	305
5	shale	310
20	lime	330 base of the Kansas City
169	shale	499
33	lime	532
6	shale	538
8	broken sand	546 bleeding good
1	coal	547
2	shale	549
11	oil sand	560
7	broken sand	567 good oil show
3	silty shale	570
5	shale	575
11	lime	586
8	shale	594
10	lime	604
18	shale	622
15	lime	637
14	shale	651
4	lime	655
26	shale	681
2	broken sand	683 light odor, no show
2	silty shale	685
1	lime	686
9	silty shale	695
20	shale	715
1	lime & shells	716
1	broken sand	717

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Lickteig #2-IW

5	oil sand	722 good bleeding
6	broken sand	728
2	silty shale	730 light oil show
68	shale	798 TD

Drilled a 9 7/8" hole to 21.4'

Drilled a 5 5/8" hole to 798'.

Set 21.4.6" of 7" surface casing with 6 sacks of cement.

Set 786.7' of 2 7/8" threaded and coupled 8 round upset tubing including 3 centralizers, 1 float shoe and 1 clamp.

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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 27138
LOCATION Ottawa KS
FOREMAN Fred Mader

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
9/8/10	7806	Licktrig # 2 IW	NE 21	20	20	AN
CUSTOMER Tail Water Inc			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 6421 Avondale Dr. Ste 212			506 Fred			
CITY STATE ZIP CODE Oklahoma City OK			368 Kur			
			370 Derek			
			510 Tim			

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 798' CASING SIZE & WEIGHT 2 1/8" EUE
CASING DEPTH 786' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
DISPLACEMENT 4.5BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4BPM

REMARKS: Establish circulation. Mix + Pump 100# Premium
Gel Flush. Mix + Pump 108 SKS 50/50 Poz Mix Cement
270 gel. Cement to surface. Flush pump + lines clean.
Displace 2 1/2" Rubber Plug to casing TD w/ 4.5 BBLs
Fresh water. Pressure to 800+ PSI. Hold pressure
for 30 min MIT. Release pressure to set float
valve. Shut in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		925 ⁰⁰
5406	-0-	MILEAGE Truck on lease		N/C
5402	786'	Casing footage		N/C
5407A	1/2 minimum	Ten Miles		157 ⁸⁰
5502C	2 hrs	80 BBL Vac Truck		200 ⁰⁰
1124	105 SKS	50/50 Poz Mix Cement		1033 ²⁰
1118B	282 ⁰⁰	Premium Gel		5649
4402	1	2 1/2" Rubber Plug		23 ⁰⁰
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WOT# 236454				
MAY 31 2011				
KCC WICHITA				
SALES TAX				86 ²⁸
ESTIMATED				
TOTAL				2481 ⁸⁸

Flavin 8787

AUTHORIZATION _____ 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.