

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 ☐ SLOW
☐ 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 #: _____

6/25/10 6/29/10 9/27/10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 003-24792-00-00
Spot Description: _____
nw se se ne Sec. 21 Twp. 20 S. R. 20 ☒ East ☐ West
3165 Feet from ☐ North / ☒ South Line of Section
525 Feet from ☒ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW
County: Anderson
Lease Name: Lickteig Well #: 5-T
Field Name: Garnett Shoestring
Producing Formation: Squirrel
Elevation: Ground: 995 Kelly Bushing: n/a
Total Depth: 785 Plug Back Total Depth: n/a
Amount of Surface Pipe Set and Cemented at: 20 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: 20 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: Christian L. Martin

Title: Office Manager 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

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Date: 4/8/11

Operator Name: Tailwater, Inc. Lease Name: Lickteig Well #: 5-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 ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☐ No

Electric Log Run ☒ Yes ☐ No

Electric Log Submitted Electronically ☐ Yes ☒ No
 (If no, Submit Copy)

List All E. Logs Run:
Gamma Ray/Neutron

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

Driller's Log attached

CASING RECORD ☐ New ☐ 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"		20"	Portland	5	
completion	5 5/8"	2 7/8"		778'	Portland	118	50/50 POZ

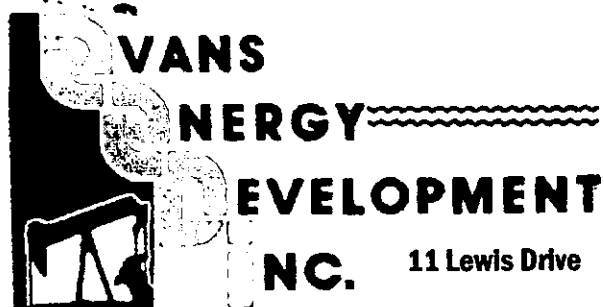
ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing				
— Plug Back TD				
— 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	686.5' - 692' (12 perfs)	300 gal 15% HCL acid	
		170 bbl H2O; 35 sx sand	

TUBING RECORD:		Size: <u>2 7/8"</u>	Set At: <u>778'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>9/27/10</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 (If vented, Submit ACO-18.)		METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____		PRODUCTION INTERVAL: _____ _____
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Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

11 Lewis Drive

Paola, KS 66071

WELL LOG

Tailwater, Inc.

Lickteig #5-T

API# 15-003-24,792

June 25 - June 29, 2010

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
14	soil & clay	14
127	shale	141
28	lime	169
50	shale	219
6	lime	225
9	shale	234
13	lime	247
6	shale	253
31	lime	284
7	shale	291
21	lime	312
2	shale	314
23	lime	337 base of the Kansas City
175	shale	512
6	lime	518 oil show
3	shale	521
7	lime	528
15	shale	543
4	sand	547 oil sand, lite brown, ok bleeding
2	shale	549
1	coal	550
8	shale	558
14	sand	572 brown, good bleeding
13	shale	585
7	lime	592
14	shale	606
2	lime	608
19	shale	627
11	lime	638
20	shale	658
3	lime	661
7	shale	668
6	lime	674
12	shale	686
4	sand	690 brown, ok bleeding
32	shale	722
10	sand	732 brown, lite bleeding
53	shale	785 TD

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Lickteig #5-T

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Drilled a 9 7/8" hole to 20'
Drilled a 5 5/8" hole to 785'

Set 20' of 7" surface casing with 5 sacks of cement.

Set 778' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe and 1 clamp.

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

TICKET NUMBER 26985

LOCATION Ottawa/KS

FOREMAN Jim Green

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-30-10	7806	Lickfreg #5-T	NE 21	20	20	AN
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Tailwater			481	Jim Gre	36	
MAILING ADDRESS			864	Arl McD	Aren	
6421 Avondale Dr Ste. 212			364	Chu Lam	Chu	
CITY	STATE	ZIP CODE	570	Tom War	Tom	
Oklahoma City	OK					
JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT			
Log casing	5 7/8"	785'	2 7/8" EUEB			
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
778'						
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			
REMARKS: Established Circulation mix and pump 100' and flush hole. Mix and pump 120 sk 50% PZ Mix Cement 2% fuel. Flush pump clean of cement. Pump 2 1/2" rubber plug to total depth of casing. Circulating cement to surface. Pressure up to 650' PSI well held shut in well.						

[illegible]

Baytn 3737

AUTHORIZTION

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.