

Tailwater, Inc.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL
cc-Cindy KIC

Operator: License # 32461
Name: Tailwater, Inc.
Address: 6421 Avondale, Ste. 212
City/State/Zip: Oklahoma City, OK 73116
Purchaser: CMT
Operator Contact Person: Christian L. Martin
Phone: (405) 810-0900
Contractor: Name: Evans Energy Development, Inc
License: 8509
Wellsite Geologist: _____

Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☐ Gas ☒ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, 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./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

<u>5/22/08</u>	<u>5/23/08</u>	waiting on approval from KCC
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 003-24520-00-00
County: Anderson
NE ☐ SW ☐ SE ☐ NW ☐ Sec. 22 Twp. 20 S. R. 20 ☒ East ☐ West
2995 feet from (S) N (circle one) Line of Section
3540 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

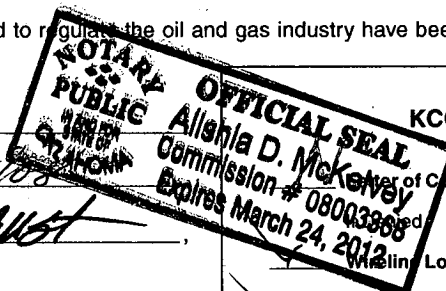
(circle one) NE SE NW SW
Lease Name: Kempnich Well #: 2-IW
Field Name: Garnett Shoestring
Producing Formation: Bartlesville
Elevation: Ground: 968 Kelly Bushing: n/a
Total Depth: 742' Plug Back Total Depth: n/a
Amount of Surface Pipe Set and Cemented at 25.2 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 0
feet depth to 25.2' w/ 7 sx cmt.

Drilling Fluid Management Plan *AH II MK*
(Data must be collected from the Reserve Pit) 10-2-08
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

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.

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: Agent Date: 8/28/08
Subscribed and sworn to before me this 28th day of August
20 08
Notary Public: *Allesia D. McKelvey*
Date Commission Expires: 3/24/08



KCC Office Use ONLY

Confidentiality Received ☐ Yes ☐ No Date: RECEIVED

Wireline Log Received ☐ Yes ☐ No

Geologist Report Received ☐ Yes ☐ No

UIC Distribution ☒ Yes ☐ No

SEP 02 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: **Tallwater, Inc.** Lease Name: **Kempnich** Well #: **2-IW**
 Sec. **22** 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 copy of all Electric Wireline 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
 (Submit Copy)

List All E. Logs Run:

Gamma Ray Neutron

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

Name Top Datum

Bartlesville

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"		25.2'	Portland	7	
Completion	5 5/8"	2 7/8"		731.6'	Portland	104	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	680' - 686' (13 perfs)	N/A	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	731.6'			
Date of First, Resumed Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
n/a					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	0	0		

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____



**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.

Kempnich #2-IW

API #15-003-24,520

May 22 - May 23, 2008

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
84	shale	92
28	lime	120
69	shale	189
10	lime	199
6	shale	205
34	lime	239
5	shale	244
23	lime	267
3	shale	270
21	lime	291 base of the Kansas City
171	shale	462
4	lime	466
3	shale	469
3	lime	472
4	shale	476
9	lime	485 fair oil show
24	shale	509
1	coal	510
3	shale	513
14	sand	527 light brown, oil bleeding
10	shale	537
9	lime	546
4	shale	550
5	lime	555
5	shale	560
4	lime	564
20	shale	584
7	lime	591
18	shale	609
2	lime	611
2	shale	613
2	lime	615
12	shale	627 black
2	lime	629
4	shale	633
2	lime	635
2	shale	637 black
6	shale	643 grey
4	sand	647 brown, bleeding

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Kempnich #2-IW

Page 2

33	shale	680
0.5	lime & shells	680.5
4.5	sand	685 brown, bleeding
1	broken sand	686 brown sand & grey silty shale
4	silt and shale	690 no show
52	shale	742 TD

Drilled a 9 7/8" hole to 25'

Drilled a 5 5/8" hole to 742'

Set 25.2' of new 7" threaded and coupled surface casing, cemented with 7 sacks cement

Set 731.6' of used 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

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CONSERVATION DIVISION
WICHITA, KS

620-431-9210 OR 800-467-8676

TICKET NUMBER 16100

LOCATION *Ottawa*

FOREMAN Alan Mader

**TREATMENT REPORT & FIELD TICKET
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-20-08	7806	Kempnisch 2-1W	22	20	20	AN
CUSTOMER Tail water						
MAILING ADDRESS 6421 Arondale Dr						
CITY Oklahoma City	STATE OK	ZIP CODE 73116				
JOB TYPE <u>long string</u>			HOLE SIZE <u>6"</u>			
CASING DEPTH <u>732</u>			HOLE DEPTH <u>742</u>			
SLURRY WEIGHT _____			CASING SIZE & WEIGHT <u>2 7/8</u>			
DISPLACEMENT _____			OTHER _____			
SLURRY VOL _____			TUBING _____			
DISPLACEMENT PSI _____			WATER gal/sk _____			
MIX PSI _____			CEMENT LEFT in CASING <u>yes</u>			
RATE _____						
REMARKS: <u>Established rate. Mixed & pumped 200# gel to flush hole. Mixed & pumped 117 5x 50/50 pox, 5# Kol-seal, 5% salt, 2% gel, 1/4# Phenoseal. Circulated cement to surface. Flushed pump. Pumped plug to casing TO Well head 800 PSI for 30 minutes M.I.T. Closed valve. Checked well depth prior to job.</u>						

Alvin Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	875.00
5406	25	MILEAGE	368	816.25
5407A		1000 mileage	226	140.05
5402	732'	casing footage	368	
5502C	2 1/2	80 vac	369	235.00
1107A	29#	Pheno seal		31.60
1110A	585#	Kol-seal		234.00
1111	246#	Gulf		76.26
1118B	397#	gel		63.52
1124	104 bx	50 lb opoz		967.20
4402	1	2 1/2 plug		21.00
				2781.84
		RECEIVED		
		KANSAS CORPORATION		
		SEP 2 1983		
		CONSERVATION DIVISION		
		WICHITA KS		
		16.30%	SALES TAX	94.77

Dan Hutchison by phone

AUTHORIZATION

TITLE

DATE _____

**ESTIMATED
TOTAL**

2824.66