

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

cc-Cindy-UK
Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32461
Name: Tailwater, Inc.
Address: 6421 Avondale Dr., Ste. 212
City/State/Zip: Oklahoma City, OK 73116
Purchaser: CMT
Operator Contact Person: Christian L. Martin
Phone: (405) 810-0900
Contractor: Name: Hat Drilling
License: 33734
Wellsite Geologist: none

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. _____

5/12/08 5/12/08 waiting on approval from KCC
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 003-24498-0000
County: Anderson
NW SE SE SE Sec. 13 Twp. 20 S. R. 20 East West
355 feet from 3 N (circle one) Line of Section
355 feet from 3 W (circle one) Line of Section

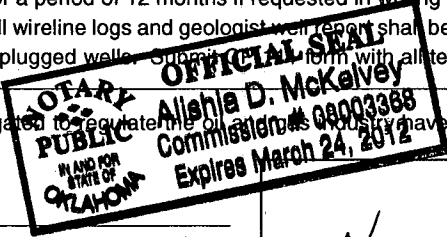
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: East Hastert Well #: 14-EIW
Field Name: Garnett Shoestring
Producing Formation: Bartlesville
Elevation: Ground: 1091 Kelly Bushing: n/a
Total Depth: 878' Plug Back Total Depth: n/a
Amount of Surface Pipe Set and Cemented at 25 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' w/ 6 sx cmt.

Drilling Fluid Management Plan AIT II NRK
(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-5 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: Christian L. Martin
Title: Agent Date: 8/28/08
Subscribed and sworn to before me this 28th day of August,
08
Notary Public: Allegha D. McKeivey
Date Commission Expires: 3/24/12



KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received **RECEIVED**
KANSAS CORPORATION COMMISSION

Geologist Report Received

UIC Distribution **SEP 02 2008**

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Tailwater, Inc. Lease Name: East Hastert Well #: 14-EIW
 Sec. 13 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 <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 checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(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 <u>Bartlesville</u> Top Datum Driller's Log
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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"		25'	Portland	6	
Completion	5 5/8"	2 7/8"		872.75'	Portland	128	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	817' - 826' (19 perfs)	n/a	

TUBING RECORD		Size <u>2 7/8"</u>	Set At <u>872.75'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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>n/a</u>	Gas Mcf <u>0</u>	Water Bbls. <u>n/a</u>	Gas-Oil Ratio <u>none</u>	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

HAT DRILLING
 12371 KS HWY 7
 MOUND CITY, KS 66056
 LICENSE #33734

EAST HASTERT #14EIW
 API #15-003-24498-00-00
 SPUD DATE 5-12-08

Footage	Formation	Thickness	
2	Topsoil	2	
3	Lime	1	
7	clay	4	
177	shale	170	
202	lime	25	
258	shale	56	
268	lime	10	
274	shale	6	
373	lime	99	
539	shale	166	
544	red bed	5	
555	sandy shale	10	
565	lime	10	
579	shale	14	
582	sandy shale	3	
612	shale	30	
620	lime	8	
625	shale	5	
630	lime	5	
636	shale	6	
641	lime	5	
660	shale	19	
689	lime	29	
705	shale	14	
714	lime	8	
774	shale	60	
778	lime	4	
798	sandy shale	20	
800	coal	2	
808	shale	8	
814	blk shale	6	
820	sandy shale	6	
826	sand	6	slight bleed and odor
828	sandy shale	2	
834	white shale	6	
844	sand	10	good bleed and odor

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CONSERVATION DIVISION
 WICHITA, KS

East Haster #14 E1W

846	shale	2
848	blk sand	2
858	shale	10
860	coal	2
878	shale	18

TD 878'

Set 25' of 7"

Ran 872.75' of 2 7/8

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WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

KC
Mun
9/02/08

TICKET NUMBER 16082
 LOCATION Ottawa
 FOREMAN Alan Mader

EAST TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-13-08	7806	Hastert #14E1W	13	20	20	AN
CUSTOMER Tail water			TRUCK #		DRIVER	
MAILING ADDRESS 6421 Avondale Dr			516		Alan M	
CITY			368		Bill Z	
STATE		ZIP CODE	505/T106		Ken H	
OK		73116	510		Brian J	

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 878 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 873 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING YES
 DISPLACEMENT 5661 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 1/2 bpm

REMARKS: Established rate. Mixed & pumped 100# gel to flush hole. Mixed & pumped 143 9x50150 poz, 5# Kol-seal, 520 gal salt, 2 1/2 gal 1/4# Phenoseg! Circulated cement to surface. Flushed pump. Pumped plug to casing TD. Well held 800 PSI for 30 min M.T.T. Closed valve.

Hays rig

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	873.00
5406	25	MILEAGE	368	86.25
5402	873'	casing footage	368	—
5407A		ton miles	510-523	171.17
5501C	1 1/2	transport	505/T106	156.00
1107A	36#	Pheno seal		39.24
1110A	715#	Kol-seal		286.00
1111	300#	Salt		93.06
1118B	340#	gel		54.40
1124	128sx	50130 poz		1196.40
4402	1	2 1/2 plug		21.00
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		KANSAS CORPORATION COMMISSION	Sub	2972.46
		SEP 02 2008		
		CONSERVATION DIVISION	6.4	
		WICHITA, KS		
		SALES TAX		114.52
		ESTIMATED		
		TOTAL		3086.98

AUTHORIZATION 222043

TITLE Heater

DATE 9/2/08