



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.

Wittman 3-IW

API#15-003-25,497

September 18 - September 19, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
16	soil & clay	16
76	shale	92
29	lime	121
66	shale	187
10	lime	197
5	shale	202
34	lime	236
8	shale	244
21	lime	265
3	shale	268
19	lime	287 base of the Kansas City, making water
170	shale	457
3	lime	460
3	shale	463 oil show
8	lime	471
9	shale	480
12	oil sand	492 green, ok bleeding
1	coal	493
8	shale	501
20	oil sand	521 green, ok bleeding
1	coal	522
5	shale	527
6	lime	533
13	shale	546
3	lime	549
20	shale	569
6	lime	575
17	shale	592
7	lime	599
61	shale	660
1	lime & shells	661
9	oil sand	670 brown, good bleeding
1	broken sand	671 brown & grey, good bleeding
27	shale	698
11	sandy shale	709 grey, no oil
56	broken sand	765 brown & grey, no oil show
14	sand	779 brown, no oil show

20	oil sand	799 brown, good bleeding
1	sand	800 white, no oil show
11	oil sand	811 brown, good bleeding
29	sand	840 white, no oil show
21	shale	861 TD

Drilled a 9 7/8" hole to 22.1'

Drilled a 5 5/8" hole to 861'

Set 22.1' of 7" surface casing cemented with 6 sacks of cement.

Set 851.5' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39667

LOCATION Ottawa, KS

FOREMAN Casey Kennedy

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
9/19/12	7806	Whitman # 3-IW	SW 15	20	20	AN

CUSTOMER
Tailwater Inc

MAILING ADDRESS
6421 Avondale Dr. Suite 212

CITY
Oklahoma City

STATE
OK

ZIP CODE
73116

TRUCK #	DRIVER	TRUCK #	DRIVER
481	Casler	ck	
495	HarBee	HB	
503	Dan Det	DD	
369	Der Mas	DM	

JOB TYPE long string HOLE SIZE 5 7/8" HOLE DEPTH 861' CASING SIZE & WEIGHT 2 7/8" EUE

CASING DEPTH 851' DRILL PIPE _____ TUBING _____ OTHER _____

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____

DISPLACEMENT 4.95 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed + pumped 130 sks 50/50 Pozmix cement w/ 2 7/8 gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 4.95 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure, shut in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
8401	1	PUMP CHARGE		1030.00
5406	on lease	MILEAGE		
5402	851'	casing footage		
5407	minimum	ton mileage		350.00
5502c	1 hr	80 vac		90.00
1124	130 sks	50/50 Pozmix cement		1423.50
118B	318 #	Premium Gel		66.78
4402	1	2 1/2" rubber plug		28.00
			7.8%	SALES TAX
				ESTIMATED TOTAL
				3106.70

Ravin 3737

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 for

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