



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.

Winfrey #1-IW

API#15-003-25,735

January 11 - January 14, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
3	soil & clay	3
4	clay & gravel	7
90	shale	97
29	lime	126
71	shale	197
10	lime	207
6	shale	213
36	lime	249
5	shale	254
21	lime	275
3	shale	278
20	lime	298 base of the Kansas City
172	shale	470
3	lime	473
4	shale	477
2	lime	479
5	shale	484
7	lime	491 oil show
6	shale	497
14	oil sand	511 green, ok bleeding
3	shale	514
1	coal	515
4	shale	519
17	oil sand	536 green, good bleeding
5	shale	541
1	coal	542
7	shale	549
6	lime	555
15	shale	570
8	lime	578
33	shale	611
11	lime	622
27	shale	649
8	broken sand	657 brown & green sand, ok bleeding
31	shale	688
1	lime & shells	689
6	oil sand	695 brown, good bleeding
4	silty shale	699

3	sand	702 black, no oil show
47	shale	749
30	silty shale	779
3	broken sand	782 brown & gray, ok bleeding
5	silty shale	787
2	broken sand	789 brown & gray, light show
13	silty shale	802
4	oil sand	806 black, good bleeding
14	broken sand	820 gray & white, no oil
6	oil sand	826 brown, good bleeding
34	silty shale	860 TD

Drilled a 9 7/8" hole to 24.2'

Drilled a 5 5/8" hole to 860'

Set 24.2' of 7" surface casing cemented with 6 sacks of cement.

Set 850.1' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



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	
1-16-13	7806	Winfrey 1 I-W	SW 22	20	20	AN	
CUSTOMER Tailwater			TRUCK #	DRIVER	TRUCK #	DRIVER	
MAILING ADDRESS 6421 Avondale			576	Ala Mad	Safety	Meat	
CITY Oklahoma City			368	Ar Mad	ARM		
STATE OK			369	Der Mas	DM		
ZIP CODE 73116			548	Mik Hag	MH		
JOB TYPE	long string	HOLE SIZE	5 7/8	HOLE DEPTH	960	CASING SIZE & WEIGHT	2 7/8
CASING DEPTH	850	DRILL PIPE		TUBING		OTHER	
SLURRY WEIGHT		SLURRY VOL		WATER gal/sk		CEMENT LEFT in CASING	yes
DISPLACEMENT	5	DISPLACEMENT PSI	800	MIX PSI	200	RATE	4 bpm

REMARKS: Held meeting. Established rate. Mixed & pumped 100# gel followed by 120 sk 50/50 cement plus 2% gel. Circulated cement. Flushed pump. Pumped plug to casing TD. Well held 800 PSI for 30 minute M.T. Set float. Closed valves.

Evans, Travis

Alan Made

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1030.00
5406	25	MILEAGE	368	100.00
5402	850	Casing footage	368	
5407	1/2 min	for miles	548	176.00
3502C	2	20 val	369	180.00
1124	120	50/50 cement		1314.00
1180	302#	gel		63.42
4402	1	2 1/2 plug		28.00
not complete				
SALES TAX				109.62
ESTIMATED TOTAL				3,000.04

Ravin 3737

AUTHORIZATION *[Signature]* 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.

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