



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.

Pedrow #12-T

API#15-003-25,623

November 15 - November 16, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
2	clay & shale	8
72	shale	80
28	lime	108
70	shale	178
10	lime	188
5	shale	193
34	lime	227
8	shale	235
22	lime	257
3	shale	260
21	lime	281 base of the Kansas City
170	shale	451
3	lime	454
10	shale	464
6	lime	470 oil show
7	shale	477
14	oil sand	491 green, light bleeding
5	shale	496
26	oil sand	522 green, ok bleeding
1	coal	523
7	shale	530
6	lime	536
15	shale	551
8	lime	559
33	shale	592
7	lime	599
28	shale	627
9	broken sand	636 brown & green, ok bleeding
30	shale	666
1	lime & shells	667
6	oil sand	673 brown, ok bleeding
4	shale	677
3	sand	680 black, no oil
49	shale	729
10	broken sand	739 brown & grey, light bleeding
6	silty shale	745
31	broken sand	776 brown & grey, light bleeding
8	oil sand	784 brown, light show

4	silty shale	788
5	sand	793 black, no oil show
2	silty shale	795
4	broken sand	799 brown & grey, no show
34	oil sand	833 brown, ok bleeding
13	sand	846 white, no oil show
43	shale	889 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 889'

Set 21' of 7" surface casing cemented with 6 sacks of cement.

Set 879.3' 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 35240  
LOCATION Ottawa KS  
FOREMAN Fred Madu

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
11/16/12	7806	Pedrow.# 12-T	NE 28	20	20	APW
CUSTOMER Tail water Inc.			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 6421 Avondale Dr			506	Fred Mad	Safety	Wly
CITY Oklahoma City	STATE OK	ZIP CODE 73116	495	Har Bec	HB	
			370	Kei Car	KC	
			510	Set Tec	ST	

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 889' CASING SIZE & WEIGHT 2 1/8 EUE  
CASING DEPTH 879' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Ply  
DISPLACEMENT 5.11 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Establish pump rate. Mix + Pump 100# Gel Flush. Mix + Pump  
125 SKS 50/50 Por Mix Cement 270 Gel. Cement to surface. Flush.  
pump + lines clean. Displace 2 1/2" Rubber plug to casing ID.  
Pressure to 800# PSI. Release pressure to set float valve.  
Shut in casing.

Evans Energy Dev. Inc - Travis

*Fred Madu*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030 <sup>00</sup>
5404	-	MILEAGE		N/C
5402	879	Casing footage		N/C
5407	1/2 minimum	100 Miles	510	175 <sup>00</sup>
5502C	1 1/2 hr	80 BBL Vac Truck	370	135 <sup>00</sup>
1124	125 SKS	50/50 Por Mix Cement		1368 <sup>25</sup>
1118B	310 #	Premium Gel		65 <sup>10</sup>
4402	1	2 1/2" Rubber Ply		28 <sup>00</sup>
			7.8%	SALES TAX
				ESTIMATED TOTAL
				114 <sup>02</sup>
				2915 <sup>87</sup>

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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