



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 #2-T

API#15-003-25,615

October 23 - October 24, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
1	soil & clay	1
6	clay & gravel	7
84	shale	91
27	lime	118
69	shale	187
10	lime	197
8	shale	205
35	lime	240
8	shale	248
21	lime	269
3	shale	272
22	lime	294 base of the Kansas City
170	shale	464
3	lime	467
9	shale	476
9	lime	485 oil show
12	shale	497
6	oil sand	503 green, ok bleeding
6	shale	509
24	oil sand	533 green, good bleeding
1	coal	534
7	shale	541
6	lime	547
15	shale	562
8	lime	570
33	shale	603
7	lime	610
30	shale	640
7	broken sand	647 brown & green, ok bleeding
32	shale	679
1	lime & shells	680
7	oil sand	687 brown, good bleeding
44	shale	731
1	broken sand	732 brown & grey, light show
13	shale	745
11	silty shale	756
1	broken sand	757 brown & green, light show
12	shale	769

3	broken sand	772 brown & grey, light show
3	shale	775
1	broken sand	776 brown & grey, light show
7	shale	783
4	broken sand	787 brown & grey, no show
40	shale	827
3	sand	830 grey, no oil show
4	oil sand	834 brown, ok bleeding
2	silty shale	836
26	sand	862 white, no oil show, making water
31	shale	893 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 893'

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

Set 883' 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 35113

LOCATION Ottawa KS

FOREMAN Fred Mader

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
10/25/12	7806	Redrow # 2-T	NE 28	20	20	AN
CUSTOMER <u>Tailwater Inc.</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>6421 Avondale Dr</u>			<del>506</del> <u>Frc Mad</u> <u>Safety Mtg</u>			
CITY STATE ZIP CODE <u>Oklahoma City OK 73116</u>			495 <u>Har Bee</u>			
			369 <u>Der Mas</u> <u>DM</u>			
			548 <u>Mik Hoa</u> <u>MH</u>			

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 893 CASING SIZE & WEIGHT 2 1/8 EUE  
 CASING DEPTH 883 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
 DISPLACEMENT 5.13 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5BPM

REMARKS: Establish pump rate. Mix + Pump 100 sks Gel Flush. Mix + Pump  
sks 50/50 Poz Mix Cement 2% Gel. Cement to surface.  
Flush pump + lines clean. Displace 2 1/2" Rubber Plug to  
casing ID. Pressure to 800<sup>+</sup> PSI. Release pressure to set  
float valve. Shut in casing.

Evans Energy Dev. Inc. - Travis

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030 <sup>00</sup>
5406	25	MILEAGE	495	100 <sup>00</sup>
5402	883	Casing Footage		NIC
5407	1/2 Minimum	Ton Miles	548	175 <sup>00</sup>
5502C	2 hrs	80 BBL Vac Truck	369	180 <sup>00</sup>
1124	130 SKS	50/50 Poz Mix Cement		1423 <sup>50</sup>
1118B	319*	Premium Gel		66 <sup>99</sup>
4402	1	2 1/2" Rubber Plug		28 <sup>00</sup>
			7.8%	SALES TAX
				ESTIMATED TOTAL
				3121 <sup>93</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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