



**VANS  
ENERGY  
DEVELOPMENT  
INC.**

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 #8-T

API#15-003-25,613

October 9 - October 10, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
12	soil & clay	12
81	shale	93
34	lime	127
63	shale	190
10	lime	200
6	shale	206
33	lime	239
7	shale	246
21	lime	267
3	shale	270
21	lime	291 base of the Kansas City
170	shale	461
3	lime	464
3	shale	467
8	lime	475 oil show
15	shale	490
5	oil sand	495 green, light oil show
1	coal	496
4	shale	500
24	oil sand	524 green, light oil show
1	shale	525
1	coal	526
5	shale	531
8	lime	539
11	shale	550
3	lime	553
24	shale	577
10	lime	587
20	shale	607
6	lime	613
19	shale	632
3	oil sand	635 brown, good bleeding, gassey
6	broken sand	641 brown & green, good bleeding,gassey
31	silty shale	672
1	lime & shells	673
5	oil sand	678 brown, ok bleeding
5	silty shale	683

4	sand	687
37	shale	724
7	broken sand	731 brown & grey, no oil
33	silty shale	764
20	broken sand	784 brown & grey, no oil
16	sand	800 brown, no oil show, making water
23	sand	823 white, no oil show
33	shale	856 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 856'

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

Set 846' 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

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

TICKET NUMBER 35035

LOCATION Ottawa KS

FOREMAN Fred Madur

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/11/12	7806	Pedrow # 8-T	NE 28	20	20	AN

CUSTOMER <u>Tail water Inc.</u>		
MAILING ADDRESS <u>6421 Avondale</u>		
CITY <u>Oklahoma City</u>	STATE <u>OK</u>	ZIP CODE <u>73116</u>

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>389</u>	<u>Fred Mad</u>	<u>Safety</u>	<u>Wt</u>
<u>695</u>	<u>Kai Car</u>	<u>KI</u>	<u>7</u>
<u>675</u>	<u>Kai Det</u>	<u>KD</u>	
<u>510</u>	<u>Set Tuc</u>	<u>ST</u>	

JOB TYPE <u>Long string</u>	HOLE SIZE <u>5 7/8</u>	HOLE DEPTH <u>855'</u>	CASING SIZE & WEIGHT <u>2 1/8 EUE</u>
CASING DEPTH <u>845</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>2 1/2" Plug</u>
DISPLACEMENT <u>4.9 BBL</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>5 BPM</u>

REMARKS: Establish pump rate. Mix + Pump 100# Gel Flush. Mix + Pump  
SKs 50/50 Por Mix Cement 2% Gel. Cement to Surface.  
Flush pump lines clean. Displace 2 1/2" Rubber plug to  
Casing TD. Pressure to 800# PSI. Release pressure to set  
Float Valve. Shut in casing

Evans Energy Dev. Inc. - Travis

Fred Madur

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>5401</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>495</u>	<u>1030<sup>00</sup></u>
<u>5406</u>	<u>25 mi</u>	<u>MILEAGE</u>	<u>495</u>	<u>100<sup>00</sup></u>
<u>5402</u>	<u>845</u>	<u>Casing Footage</u>		<u>N/C</u>
<u>5407</u>	<u>1/2 minimum</u>	<u>Ton Miles</u>	<u>510</u>	<u>175<sup>00</sup></u>
<u>5502C</u>	<u>1 1/2 hr</u>	<u>80 BBL Vac Truck</u>	<u>675</u>	<u>135<sup>00</sup></u>
<u>1124</u>	<u>121 SKs</u>	<u>50/50 Por Mix Cement</u>		<u>1324<sup>95</sup></u>
<u>1115B</u>	<u>304 #</u>	<u>Premium Gel</u>		<u>63<sup>99</sup></u>
<u>4402</u>	<u>1</u>	<u>2 1/2" Rubber Plug</u>		<u>28<sup>00</sup></u>
			<u>7.8%</u>	<u>SALES TAX</u>
				<u>110<sup>51</sup></u>
				<u>ESTIMATED TOTAL</u>
				<u>2967<sup>30</sup></u>

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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