



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 #3-T

API#15-003-25,616

October 24 - October 25, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
1	soil & clay	1
3	clay & gravel	4
84	shale	88
25	lime	113
73	shale	186
10	lime	196
5	shale	201
35	lime	236
8	shale	244
23	lime	267
2	shale	269
23	lime	292 base of the Kansas City
170	shale	462
3	lime	465
8	shale	473
9	lime	482 oil show
7	shale	489
11	oil sand	500 green, ok bleeding
10	shale	510
21	oil sand	531 green, light bleeding
1	coal	532
7	shale	539
6	lime	545
15	shale	560
8	lime	568
33	shale	601
7	lime	608
28	shale	636
7	broken sand	643 brown & green, ok bleeding
32	shale	675
1	lime & shells	676
6	oil sand	682 brown, good bleeding
8	shale	690
4	sand	694 black, no oil
35	shale	729
2	broken sand	731 brown & grey, no oil show
21	shale	752
31	broken sand	783 brown & grey, light bleeding, gassey

8	silty shale	791
2	sand	793 white, no oil
3	silty shale	796
4	sand	800 grey, no oil show
8	shale	808
5	broken sand	813 grey & white, no oil show
6	oil sand	819 brown, light bleeding
6	sand	825 grey, no oil show
6	silty shale	831
22	sand	853 white, no oil
43	shale	896 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 896'

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

Set 886.6' 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 35114  
LOCATION Ottawa KS  
FOREMAN Fred Mader

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1/25/12	7806	Pedrow # 3-T	NE 28	20	20	AN
CUSTOMER <u>Tailwater Inc</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>6421 Avondale Dr</u>			506	Fred Mad	Safety Mtg	
CITY	STATE	ZIP CODE	495	Har Bee	H13	
<u>Oklahoma City</u>	<u>OK</u>	<u>73116</u>	369	Dex Mas	DM	
			548	Mik Naa	MH	

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 896 CASING SIZE & WEIGHT 2 7/8 EUE  
 CASING DEPTH 886 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 2 1/2" Plug  
 DISPLACEMENT 5.15 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 53 PPM

REMARKS: Establish pump rate. Mix + Pump 100# Gal Flush. Mix + Pump 130 Gals 50/50 Por Mix Cement 2 1/2" Gel. Cement to surface. Flush pump + lines clean. Displace 2 1/2" Rubber plug to casing T.D. Pressure to 800# 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	-	MILEAGE		N/C
5402	886	Casing footage		N/C
5407	1/2 minimum	Ton Miles	548	175 <sup>00</sup>
5502C	2 hrs	80 BBL Vac Truck	1369	180 <sup>00</sup>
1124	130 SKS	50/50 Por 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>
			7.5%	SALES TAX
				ESTIMATED TOTAL
				118 <sup>74</sup>
				3021 <sup>93</sup>

RAVIN 8737 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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