



**PAVANS**

**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 #13-T

API#15-003-25,624

November 14 - November 15, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
75	shale	83
28	lime	111
69	shale	180
10	lime	190
6	shale	196
34	lime	230
8	shale	238
20	lime	258
3	shale	261
25	lime	286 base of the Kansas City
170	shale	456
3	lime	459
9	shale	468
5	lime	473 oil show
6	shale	479
11	oil sand	490 green, light bleeding
9	shale	499
25	oil sand	524 green, ok bleeding
1	coal	525
7	shale	532
7	lime	539
15	shale	554
8	lime	562
33	shale	595
7	lime	602
29	shale	631
9	broken sand	640 brown & green, ok bleeding
30	shale	670
1	lime & shells	671
6	oil sand	677 brown, ok bleeding
92	shale	769
31	oil sand	800 brown, light oil show
33	oil sand	833 brown, ok bleeding
6	sand	839 grey, no oil show
1	coal	840
8	sand	848 white, no oil show
41	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 878.8' 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 35239

LOCATION Ottawa KS

FOREMAN Fred Mader

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/16/12	7806	Padrow # 13-T	NE 28	20	20	AN
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Tailwater Inc.			506	Fred Mad	Safety	MTJ
MAILING ADDRESS			495	David Bee		
6421 Avondale Dr			370	Neil Car		
CITY	STATE	ZIP CODE	510	Set Tuc		
Oklahoma City	OK	73116				

JOB TYPE longstring HOLE SIZE 5 7/8 HOLE DEPTH 889 CASING SIZE & WEIGHT 2 7/8 EUE  
 CASING DEPTH 879 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
 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 Per Mix Cement To 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 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	879'	Casing Footage		N/C
5407	1/2 minimum	Ton Miles	510	175 <sup>00</sup>
5502C	1 1/2 hrs	80 BBL Vac Truck	370	135 <sup>00</sup>
1124	125 SKS	50/50 Per Mix Cement		1368 <sup>75</sup>
1158	310 <sup>#</sup>	Premium Gel		65 <sup>10</sup>
4402	1- 2 1/2"	Rubber Plug		28 <sup>00</sup>
			7.8%	SALES TAX
				ESTIMATED TOTAL
				114 <sup>03</sup>
				3015 <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 for

254749