



**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 #23-T

API#15-003-25,634

November 2 - November 5, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
2	clay & gravel	10
85	shale	95
30	lime	125
68	shale	193
10	lime	203
6	shale	209
34	lime	243
6	shale	249
25	lime	274
3	shale	277
20	lime	297 base of the Kansas City
170	shale	467
2	lime	469
6	shale	475
7	lime	482 oil show
10	shale	492
4	oil sand	496 green, light bleeding
13	shale	509
25	oil sand	534 green, light bleeding
1	coal	535
7	shale	542
6	lime	548
15	shale	563
8	lime	571
23	shale	594
7	lime	601
40	shale	641
6	broken sand	647 brown & green, ok bleeding
29	shale	676
1	lime & shell	677
6	oil sand	683 brown, ok bleeding
6	shale	689
3	sand	692 black, no oil show
85	shale	777
37	oil sand	814 brown, light show, making water
23	oil sand	837 brown, ok bleeding

1	coal	838
13	sand	851 white, no oil
37	shale	888 TD

Drilled a 9 7/8" hole to 21'

Drilled a 5 5/8" hole to 888'

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

Set 878.1' 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 35152

LOCATION Dt+awa

FOREMAN Alan 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
11-5-12	7806	Pedrow 23 T	NE 28	20	20	AN
CUSTOMER <u>Tail water</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>6421 Avondale</u>			<u>516</u>	<u>Ala Mad</u>	<u>Safety</u>	<u>Meat</u>
CITY <u>Oklahoma City</u>	STATE <u>OK</u>	ZIP CODE <u>73116</u>	<u>495</u>	<u>Har Bee</u>	<u>HJB</u>	
JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8</u>	HOLE DEPTH <u>288</u>	<u>369</u>	<u>Jas Ric</u>	<u>JR</u>	
CASING DEPTH <u>878</u>	DRILL PIPE	TUBING	<u>510</u>	<u>Set Jac</u>	<u>ST</u>	
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>yes</u>			
DISPLACEMENT <u>5.1</u>	DISPLACEMENT PSI <u>800</u>	MIX PSI <u>200</u>	RATE <u>5 bpm</u>			
REMARKS: <u>Held meeting. Established rate. Mixed & pumped 100th gel followed by 117 sk 50/50 cement plus 270 gel. Circulated cement. Flushed pump. Pumped plug to casing TD. Well held 800 PSI. Set float. Closed valve.</u>						

Evans Travis

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL	
5401	1	PUMP CHARGE	495	1030.00	
5406		MILEAGE	495		
5402	878	casing footage	495		
5407	Van'in	ton miles	510	175.00	
5502L	12	80 val	369	135.00	
1124	117	50/50 cement		1281.15	
11813	297	gel		62.37	
4402	1	1/2 plug		28.00	
				SALES TAX	106.97
				ESTIMATED TOTAL	2818.49

Rev'n 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.

254388