



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 #14-IW

API#15-003-25,709

January 14 - January 16, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
3	clay & gravel	11
67	shale	78
31	lime	109
68	shale	177
10	lime	187
7	shale	194
37	lime	231
5	shale	236
22	lime	258
3	shale	261
23	lime	284 base of the Kansas City
170	shale	454
3	lime	457
5	shale	462
2	lime	464
5	shale	469
7	lime	476 oil show
10	shale	486
10	oil sand	496 green, ok bleeding
1	coal	497
13	shale	510
4	sand	514 grey, no oil
13	oil sand	527 green,ok bleeding
1	coal	528
7	shale	535
6	lime	541
15	shale	556
8	lime	564
33	shale	597
7	lime	604
29.5	shale	633.5
6	broken sand	639.5 brown & green, light bleeding
33.5	shale	673
1	lime & shells	674
5	oil sand	679 brown, good bleeding
1	broken sand	680 brown & grey, ok bleeding
4	shale	684

3  
45

sand  
shale

687 black, no oil  
732 TD

Drilled a 9 7/8" hole to 23.9'

Drilled a 5 5/8" hole to 732'

Set 23.9' of 7" surface casing cemented with 6 sacks of cement.

Set 722.4' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.

## Core Times

	<u>Minutes</u>	<u>Seconds</u>		
635		43	662	30
636	1	1	663	38
637		47	664	38
638		45	665	50
639		52	666	40
640	1	16	667	50
641		57	668	47
642		52	669	47
643		56	670	50
644	1	0	671	47
645		57	672	48
646		52	673	54
647		52	674	47
648		51	675	52
649		50	676	48
650		47	677	45
651		48	678	45
652		48	679	42
653		51	680	30
654		52	681	33
655		38	682	38
656		51	683	40
657	1	7	684	38
658	1	23	685	2
659	1	3	686	49
660		30		
661		44		



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 38739  
LOCATION Ottawa  
FOREMAN Alan Maden

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-16-13	7805	Pedron 14 IW	NE 28	20	20	AN

  

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Tailwater	516	AlaMad	Safety	Meat
	368	AlMad	AM	
	369	Der Mas	DM	
	348	MikHaa	MT	

MAILING ADDRESS  
6421 Avondale

CITY STATE ZIP CODE  
OKlahoma City OK 73116

JOB TYPE long string HOLE SIZE 3 5/8 HOLE DEPTH 732 CASING SIZE & WEIGHT 2 7/8

CASING DEPTH 722 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING y. e.g.

DISPLACEMENT 4.2 DISPLACEMENT PSI 800 MIX PSI 200 RATE 46pm

REMARKS: Held meeting. Established rate. Mixed & pumped 100# gel followed by 101 sk 50/50 cement plus 29 gel. Circulated cement. Flushed pump. Pumped plug to casing TN. Well held 800 PSI for 30 minute MT. Set float closed valve.

Evans Travis

Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1030.00
5406		MILEAGE	368	
5402	722	casing footage	368	
5407	1/2 min	ton miles	348	175.00
5422	2	50 vac	369	180.00
1124	10 Lsk	50/50 cement		1105.95
1118B	270#	gel		56.70
4402	1	2 1/2 plug		28.00
<b>completed</b>				
			SALES TAX	92.86
			ESTIMATED TOTAL	2668.51

Revin 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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