



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.

Wittman #4-IW (S16)

API#15-003-25.341

October 2 - October 3, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
10	soil & clay	10
102	shale	112
31	lime	143
74	shale	217
10	lime	227
6	shale	233
35	lime	268
7	shale	275
21	lime	296
3	shale	299
14	lime	313 base of the Kansas City
170	shale	483
3	lime	486
7	shale	493
9	lime	502 oil show
15	shale	517
6	oil sand	523 green, ok bleeding
1	coal	524
6	shale	530
20	oil sand	550 green, good bleeding
1	coal	551
5	shale	556
8	lime	564
15	shale	579
4	lime	583
22	shale	605
12	lime	617
10	shale	627
8	lime	635
61	shale	696
1	lime & shells	697
5	oil sand	702 brown, good bleeding
5	broken sand	707 brown grey, good bleeding
4	shale	711
4	sand	715 black, no oil show
18	shale	733
35	broken sand	768 brown & grey, no oil, gassey
		768 TD

Drilled a 9 7/8" hole to 21.1'
Drilled a 5 5/8" hole to 768'

Set 21.1' of 7" surface casing cemented with 6 sacks of cement.

Set 757.9' 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 34992
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/3/12	7806	Wittman #4-IW.	SE 16	20	20	AN

CUSTOMER Tailwater Inc
MAILING ADDRESS 6421 Avondale Dr.
CITY Oklahoma City STATE OK ZIP CODE 73116

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred Mad	Safety	WJ
495	NorBet	HB	J
675	Kei Det	RD	
548	Breman	BM	

JOB TYPE Logging HOLE SIZE 5 7/8 HOLE DEPTH 768 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 758 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" plug
DISPLACEMENT 4.4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Establish pump rate. Mix Pump 100# Gal Flush. Mix Pump
114 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 600# PSI. Hold + Monitor pressure
for 30 min. MIT. 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 ⁰⁰
5406	-	MILEAGE		N/C
5402	758'	Casing footage		N/C
5407	1/2 minimum	Ten Miles	548	175 ⁰⁰
5502C	1 1/2 hr	80 BBL Vac Truck	675	135 ⁰⁰
1124	114 sks	50/50 Por Mix Cement		1248 ³⁰
1118B	292 [#]	Premium Gel		61 ³²
4402	1	2 1/2" Rubber Plug		26 ⁰¹
			7.87a	
		SALES TAX		104 ³³
		ESTIMATED		
		TOTAL		2781 ⁹⁵

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

253405