



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.

Simons Bros. Farms #18-IW

API#15-003-25,607

December 11 - December 12, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
17	soil & clay	17
3	clay & gravel	20
52	shale	72
31	lime	103
57	shale	160
10	lime	170
5	shale	175
37	lime	212
8	shale	220
24	lime	244
3	shale	247
21	lime	268 base of the Kansas City
175	shale	443
3	lime	446
8	shale	454
9	lime	463 oil show
12	shale	475
6	oil sand	481 green, good bleeding
29	shale	510
1	coal	511
7	shale	518
6	lime	524
15	shale	539
8	lime	547
33	shale	580
7	lime	587
45	shale	632
19	broken sand	651 brown, grey, light show
4	oil sand	655 brown, light show
6	broken sand	661 brown & grey, light show
1	lime & shells	662
6	oil sand	668 brown, good bleeding
4	shale	672
3	sand	675 black, no oil
117	shale	792
12	oil sand	804 brown, good bleeding
50	shale	854 TD

Drilled a 9 7/8" hole to 23.3'

Drilled a 5 5/8" hole to 854'

Set 23.3' of 7" surface casing cemented with 6 sacks of cement.

Set 844.3' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12.13.12	7806	Simon Bras. 18-JW	NW 27	20	20	AN
CUSTOMER <u>Tailwater</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>6421 Avondale Dr</u>			516	Alan Mader	546	Safety Meet
CITY <u>OKlahoma City</u>			368	Alan Mader	368	AM
STATE <u>OK</u>			369	Mikhael	369	MH
ZIP CODE <u>73116</u>			510	Set Mc	510	ST

JOB TYPE long string HOLE SIZE 5 5/8 HOLE DEPTH 854 CASING SIZE & WEIGHT 2 7/8  
 CASING DEPTH 844 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING yes  
 DISPLACEMENT 4.9 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm  
 REMARKS: Held meeting, Established rate. Mixed & pumped 100# gel followed by 119 sk 50/150 cement plus 2 7/8 gel. Circulated cement. Flushed pump. Pumped plug to casing TD. Well held 800 PSI for 30 minute MFT. Set float. Closed valve

Evans, Travis

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5407	1	PUMP CHARGE	368	1030.00
5406	25	MILEAGE	368	100.00
5402	844	casing footage	368	—
5407	1/2 min	ton miles	510	175.00
5502C	1 1/2	80 vac	369	135.00
1124	119	50/150 cement		1303.05
1118B	300#	gel		63.00
4402	1	2 1/2 plug		28.00
			SALES TAX	108.73
			ESTIMATED TOTAL	2942.78

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

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