



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 4-IW

API#15-003-25,591

November 30 - December 3, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
3	clay & gravel	9
66	shale	75
30	lime	105
60	shale	165
10	lime	175
6	shale	181
34	lime	215
10	shale	225
22	lime	247
3	shale	250
23	lime	273 base of the Kansas City
170	shale	443
3	lime	446
16	shale	462
7	lime	469 oil show
12	shale	481
6	oil sand	487 green, good bleeding
29	shale	516
1	coal	517
7	shale	524
6	lime	530
15	shale	545
8	lime	553
33	shale	586
7	lime	593
31	shale	624
5	broken sand	629 brown & green, ok bleeding
34	shale	663
1	lime shells	664
6	oil sand	670 brown, good bleeding
4	shale	674 black, no oil
3	sand	677
110	shale	787
6	silty shale	793
13	sand	806
50	shale	856 TD

Drilled a 9 7/8" hole to 21.5'

Drilled a 5 5/8" hole to 856'

Set 21.5' of 7" surface casing cemented with 6 sacks of cement.

Set 845.7' 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 35247

LOCATION Ottawa, KS

FOREMAN Cassey Kennedy

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
12/4/12	7806	Simon Bros # 4-IW	NW 27	20	20	AN
CUSTOMER <u>Tailwater Inc</u>			TRUCK #			
MAILING ADDRESS <u>6421 Avondale Dr, Suite 212</u>			DRIVER			
CITY <u>Oklahoma City</u>		STATE <u>OK</u>	ZIP CODE <u>73116</u>	TRUCK #		
			DRIVER			
			<u>481</u>	<u>CasKen</u>	✓ <u>Safety Meeting</u>	
			<u>646</u>	<u>Gar Moo</u>	✓	
			<u>510</u>	<u>Set Inc</u>	✓	
			<u>370</u>	<u>Westra</u>	✓	

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 856' CASING SIZE & WEIGHT 2 7/8"  
 CASING DEPTH 846' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 4.9 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 100 # Premium  
Gel followed by 10 bbls fresh water, mixed + pumped 12.5 sks 50/50 Pozmix  
cement w/ 2 7/8 gal per sk, cement to surface, flushed pump clean, pumped  
2 1/2" rubber plug to casing TD w/ 4.9 bbls fresh water, pressured to 800 PSI,  
well held pressure for 30 min MIT, released pressure, shut in casing.

*[Handwritten signature]*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	25 mi	MILEAGE		100.00
5402	846'	casing footage		
5407	1/2 minimum	ton mileage		175.00
5502C	2 hrs	80 Vac		180.00
1124	12.5 sks	50/50 Pozmix cement		1368.75
1118B	310 #	Premium Gel		65.10
4402	1	2 1/2" rubber plug		28.00
			7.8%	SALES TAX
				ESTIMATED TOTAL
				3060.87

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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