



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.

Wttman # 6-IW (S16)

API#15-003-25,343

October 11 - October 12, 2012

| <u>Thickness of Strata</u> | <u>Formation</u> | <u>Total</u> |
|----------------------------|------------------|---------------------------------|
| 19 | soil & clay | 19 |
| 92 | shale | 111 |
| 34 | lime | 145 |
| 21 | shale | 166 |
| 4 | lime | 170 |
| 21 | shale | 191 |
| 10 | lime | 201 |
| 8 | shale | 209 |
| 36 | lime | 245 |
| 6 | shale | 251 |
| 35 | lime | 286 |
| 3 | shale | 289 |
| 24 | lime | 313 base of the Kansas City |
| 170 | shale | 483 |
| 3 | lime | 486 |
| 5 | shale | 491 |
| 6 | lime | 497 oil show |
| 10 | shale | 507 |
| 12 | oil sand | 519 green, ok bleeding |
| 1 | coal | 520 |
| 15 | shale | 535 |
| 12 | oil sand | 547 green, good bleeding |
| 1 | coal | 548 |
| 3 | shale | 551 |
| 8 | lime | 559 |
| 14 | shale | 573 |
| 6 | lime | 579 |
| 16 | shale | 595 |
| 10 | lime | 605 |
| 20 | shale | 625 |
| 7 | lime | 632 |
| 55 | shale | 687 |
| 1 | lime & shells | 688 |
| 7 | oil sand | 695 brown, good bleeding |
| 3 | broken sand | 698 brown & grey, good bleeding |
| 4 | shale | 702 |
| 4 | sand | 706 black, no oil show |

| | | |
|----|-------------|------------------------------------|
| 14 | shale | 720 |
| 45 | broken sand | 765 brown & grey sand, no oil show |
| | | 765 TD |

Drilled a 9 7/8" hole to 21'
Drilled a 5 5/8" hole to 765'

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

Set 754.6' 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 35038

LOCATION Ottawa KS

FOREMAN Fred 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 |
|----------|------------|--------------------|---------|----------|-------|--------|
| 10/12/12 | 7806 | Wittman # 6-IW | SF 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 | My |
| 495 | Kei Car | KC | 2 |
| 370 | Jas Ric | JR | |
| 503 | Dan Det | DD | |

JOB TYPE Longstrick HOLE SIZE _____ HOLE DEPTH 765 CASING SIZE & WEIGHT 2 7/8 E U K

CASING DEPTH 7550 DRILL PIPE _____ TUBING _____ OTHER _____

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Ply

DISPLACEMENT 4.30 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 53 PM

REMARKS: Establish pump rate. Mix + Pump 100# Gel Flush. Mix + Pump 118 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 800* 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 | 25 mi | MILEAGE | 495 | 100 ⁰⁰ |
| 5402 | 755 | Casing footage | | N/C |
| 5407 | Minimum | Ton Miles | 503 | 350 ⁰⁰ |
| 55020 | 2 hrs | 80 BBL Vac Truck | 370 | 150 ⁰⁰ |
| 1124 | 118 Sks | 50/50 Por Mix Cement | | 1292 ⁰⁰ |
| 118B | 279# | Premium Gel | | 62 ⁷⁹ |
| 4402 | 1 | 2 1/2" Rubber Plug | | 28 ⁰⁰ |
| | | | 7.8% | SALES TAX |
| | | | | ESTIMATED TOTAL |
| | | | | 107.86 |
| | | | | 3.150.75 |

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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