



KANSAS CORPORATION COMMISSION 1081079  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32461  
Name: Tailwater, Inc.  
Address 1: 6421 AVONDALE DR STE 212  
Address 2: \_\_\_\_\_  
City: OKLAHOMA CITY State: OK Zip: 73116 + 6428  
Contact Person: Chris Martin  
Phone: ( 405 ) 810-0900  
CONTRACTOR: License # 8509  
Name: Evans Energy Development, Inc.  
Wellsite Geologist: n/a  
Purchaser: Pacer Energy

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- Gas     D&A     ENHR     SIGW
- OG     GSW     Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD

Conv. to GSW

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled    Permit #: \_\_\_\_\_

Dual Completion    Permit #: \_\_\_\_\_

SWD    Permit #: \_\_\_\_\_

ENHR    Permit #: \_\_\_\_\_

GSW    Permit #: \_\_\_\_\_

|                                   |                   |   |
|-----------------------------------|-------------------|---|
| <u>03/12/2012</u>                 | <u>03/13/2012</u> | <u>3/13/2012</u>                        |
| Spud Date or<br>Recompletion Date | Date Reached TD   | Completion Date or<br>Recompletion Date |

API No. 15 - 15-003-25393-00-00

Spot Description: \_\_\_\_\_  
NE NW SW NW Sec. 15 Twp. 20 S. R. 20  East  West

1485 Feet from  North /  South Line of Section

412 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

County: Anderson

Lease Name: SOBBA Well #: 4-1W

Field Name: Garnett Shoestring

Producing Formation: Squirrel

Elevation: Ground: 981 Kelly Bushing: 0

Total Depth: 762 Plug Back Total Depth: 0

Amount of Surface Pipe Set and Cemented at: 23 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 752  
feet depth to: 0 w/ 112 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garcia Date: 05/18/2012



1081079

Operator Name: Tailwater, Inc. Lease Name: SOBBA Well #: 4-IW  
 Sec. 15 Twp. 20 S. R. 20  East  West County: Anderson

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

|   |   |   |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
|---|---|---|----------------------------------|---------------------------------|------|-----|-------|-----|------|----------------|-----|------|----------|-----|----------|---------------------|-----|----------|---|-----|----------|--------------------|-----|------|--------------------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run: | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>317</td> <td>lime</td> <td>base of the KC</td> </tr> <tr> <td>510</td> <td>lime</td> <td>oil show</td> </tr> <tr> <td>534</td> <td>oil sand</td> <td>green, lta bleeding</td> </tr> <tr> <td>561</td> <td>oil sand</td> <td>"</td> </tr> <tr> <td>720</td> <td>oil sand</td> <td>brown, good bleedn</td> </tr> <tr> <td>731</td> <td>sand</td> <td>black, no oil show</td> </tr> </table> | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample | Name | Top | Datum | 317 | lime | base of the KC | 510 | lime | oil show | 534 | oil sand | green, lta bleeding | 561 | oil sand | " | 720 | oil sand | brown, good bleedn | 731 | sand | black, no oil show |
| <input checked="" type="checkbox"/> Log   | Formation (Top), Depth and Datum  | <input type="checkbox"/> Sample         |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
| Name  | Top   | Datum                                   |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
| 317   | lime  | base of the KC                          |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
| 510   | lime  | oil show                                |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
| 534   | oil sand  | green, lta bleeding                     |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
| 561   | oil sand  | "                                       |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
| 720   | oil sand  | brown, good bleedn                      |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |
| 731   | sand  | black, no oil show                      |                                  |                                 |      |     |       |     |      |                |     |      |          |     |          |                     |     |          |   |     |          |                    |     |      |                    |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                   |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| surface   | 9.8750            | 7                         | 17                | 23            | Portland       | 5            |                            |
| completion  | 5.6250            | 2.8750                    | 6.45              | 752           | Portland       | 112          | 50/50 POZ                  |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD |                  |                |              |                            |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose:                              | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate                         |                  |                |              |                            |
| ___ Protect Casing                    | -                |                |              |                            |
| ___ Plug Back TD                      |                  |                |              |                            |
| ___ Plug Off Zone                     | -                |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

|  |           |  |
|--|-----------|--|
| TUBING RECORD: Size: <u>2.8750</u> Set At: <u>752</u> Packer At: _____ |           | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |
| Date of First, Resumed Production, SWD or ENHR. _____                  |           | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ |
| Estimated Production Per 24 Hours                                      | Oil Bbls. | Gas Mcf  |
|  |           | Water Bbls.  |
|  |           | Gas-Oil Ratio  |
|  |           | Gravity  |

|   |  |  |
|---|--|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|--|--|



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 36513

LOCATION Ottawa KS

FOREMAN Fred Maden

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 |
|---------|------------|--------------------|---------|----------|-------|--------|
| 8/13/12 | 7806       | Sobba #4IW         | NW 15   | 20       | 20    | AN     |

  

| CUSTOMER  | TRUCK # | DRIVER | TRUCK # | DRIVER |
|---|---------|--------|---------|--------|
| Tailwater Inc.<br>Mailing Address<br>6421 Avondale Dr.<br>Oklahoma City<br>Okl<br>73116 | 506     | FREMO  | Softy   | MLG    |
|   | 495     | HARBEC | HAB     |        |
|   | 369     | DERMAS | DM      |        |
|   | 548     | MIKHAR | MH      |        |

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 762 CASING SIZE & WEIGHT 2 3/8 EUE  
 CASING DEPTH 752 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
 DISPLACEMENT 4.37 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5BPM

REMARKS: Establish pump rate. Mix + Pump 100\* Premium Gel Flush.  
Mix + Pump 112 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 Maden

| ACCOUNT CODE  | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL              |
|---------------|-------------------|------------------------------------|------------|--------------------|
| 5401          | 1                 | PUMP CHARGE                        | 495        | 1030 <sup>00</sup> |
| 5406          | -                 | MILEAGE                            |            | N/C                |
| 5402          | 752               | Casing Footage                     |            | N/C                |
| 5407          | 1/2 Minimum       | Ten Miles                          | 548        | 175 <sup>00</sup>  |
| 5502          | 2 hrs             | FO BBL Vac Truck                   | 369        | 180 <sup>00</sup>  |
| 1124          | 112 SKS           | 50/50 Por Mix Cement               |            | 1226 <sup>40</sup> |
| 1188          | 288*              | Premium Gel                        |            | 60 <sup>45</sup>   |
| 4402          | 1                 | 2 1/2" Rubber Plug                 |            | 28 <sup>00</sup>   |
| <u>248425</u> |                   |                                    |            |                    |
|               |                   |                                    | 7.8%       | SALES TAX          |
|               |                   |                                    |            | ESTIMATED TOTAL    |
|               |                   |                                    |            | 102 <sup>56</sup>  |
|               |                   |                                    |            | 2802 <sup>44</sup> |

Revin 8737

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



**VANS  
ENERGY  
DEVELOPMENT  
NC.**

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.  
Sobba #4-IW  
API#15-003-25,393  
March 12 - March 13, 2012

| <u>Thickness of Strata</u> | <u>Formation</u> | <u>Total</u>                |
|----------------------------|------------------|-----------------------------|
| 14                         | soil & clay      | 14                          |
| 106                        | shale            | 120                         |
| 27                         | lime             | 147                         |
| 19                         | shale            | 166                         |
| 5                          | lime             | 171                         |
| 47                         | shale            | 218                         |
| 10                         | lime             | 228                         |
| 7                          | shale            | 235                         |
| 38                         | lime             | 273                         |
| 4                          | shale            | 277                         |
| 21                         | lime             | 298                         |
| 4                          | shale            | 302                         |
| 15                         | lime             | 317 base of the Kansas City |
| 171                        | shale            | 488                         |
| 2                          | lime             | 490                         |
| 4                          | shale            | 494                         |
| 16                         | lime             | 510 oil show                |
| 6                          | shale            | 516                         |
| 18                         | oil sand         | 534 green, lite bleeding    |
| 3                          | shale            | 537                         |
| 24                         | oil sand         | 561 green, good bleeding    |
| 1                          | shale            | 562                         |
| 1                          | coal             | 563                         |
| 6                          | shale            | 569                         |
| 13                         | lime             | 582                         |
| 9                          | shale            | 591                         |
| 4                          | lime             | 595                         |
| 22                         | shale            | 617                         |
| 7                          | lime             | 624                         |
| 21                         | shale            | 645                         |
| 5                          | lime             | 650                         |
| 59                         | shale            | 709                         |
| 1                          | lime & shells    | 710                         |
| 10                         | oil sand         | 720 brown, good bleeding    |
| 7                          | silty shale      | 727                         |
| 4                          | sand             | 731 black, no oil show      |
| 31                         | shale            | 762 TD                      |

Sobba #4-IW

Page 2

Drilled a 9 7/8" hole to 22.5'

Drilled a 5 5/8" hole to 762'

Set 22.5' of 7" surface casing cemented with 5 sacks of cement.

Set 752.1' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.