

Miami County, KS
 Well: Weaver I-1
 Lease Owner: Triple T Oil

Town Oilfield Service, Inc.
 (913) 837-8400

Commenced Spudding:
 9/16/2014

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|---------------------|-------------|
| 5 | Soil / Clay | 5 |
| 5 | Sandstone | 10 |
| 17 | Lime | 27 |
| 13 | Shale | 40 |
| 8 | Sand & Sandy Shale | 48 |
| 22 | Lime | 70 |
| 70 | Shale | 140 |
| 15 | Lime | 155 |
| 12 | Shale | 167 |
| 10 | Lime | 177 |
| 33 | Shale & Sandy Shale | 210 |
| 6 | Lime | 216 |
| 33 | Shale | 249 |
| 10 | Lime | 259 |
| 16 | Shale | 275 |
| 27 | Lime | 302 |
| 8 | Shale | 310 |
| 20 | Lime | 330 |
| 4 | Shale | 334 |
| 2 | Lime | 336 |
| 7 | Shale | 343 |
| 8 | Lime | 351 |
| 10 | Shale | 361 |
| 7 | Sand | 368 |
| 112 | Sandy Shale & Shale | 480 |
| 5 | Sand | 485 |
| 5 | Sandy Shale | 490 |
| 54 | Shale | 544 |
| 4 | Lime | 548 |
| 3 | Shale | 551 |
| 6 | Lime | 557 |
| 2 | Coal | 559 |
| 5 | Shale | 564 |
| 11 | Lime | 575 |
| 4 | Broken Sand | 579 |
| 2 | Sandy Shale | 581 |
| 20 | Shale | 601 |
| 3 | Lime | 604 |
| 12 | Shale & Lime | 616 |
| 6 | Lime | 622 |

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times .14 \times h$
 D equals diameter in feet.
 h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

- * D - Diameter of Pump Sheave
- * d - Diameter of Engine Sheave
- SPM - Strokes per minute
- RPM - Engine Speed
- R - Gear Box Ratio
- *C - Shaft Center Distance

D - $RPM \times d$ over $SPM \times R$

d - $SPM \times R \times D$ over RPM

SPM - $RPM \times D$ over $R \times d$

R - $RPM \times D$ over $SPM \times d$

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

Log Book

Well No. J-1

Farm Wesley

KS Miami
 (State) (County)

18 16 24
 (Section) (Township) (Range)

For Triple T O.I.
 (Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|---------------------|-------------|------------------|
| 5 | sail/clay | 5 | |
| 5 | sandstone | 10 | |
| 17 | lime | 27 | |
| 13 | shale | 40 | red bed 31'-33' |
| 8 | sand & sand, shale | 48 | no oil |
| 22 | lime | 70 | |
| 70 | shale | 140 | |
| 15 | lime | 155 | |
| 12 | shale | 167 | |
| 10 | lime | 177 | |
| 33 | shale & sandy shale | 210 | |
| 6 | lime | 216 | |
| 33 | shale | 249 | |
| 10 | lime | 259 | |
| 16 | shale | 275 | |
| 27 | lime | 302 | |
| 8 | shale | 310 | |
| 20 | lime | 330 | |
| 4 | shale | 334 | |
| 2 | lime | 336 | |
| 7 | shale | 343 | |
| 8 | lime | 351 | Harder |
| 10 | shale | 361 | |
| 7 | sand | 368 | odor, little oil |
| 112 | sand, shale & chalk | 480 | |
| 5 | sand | 485 | |
| 5 | sand, shale | 490 | grey, no oil |

490

| Thickness of Strata | Formation | Total Depth | Remarks |
|---------------------|--------------|-------------|---------------------------|
| 54 | shale | 544 | |
| 4 | Lime | 548 | |
| 3 | shale | 551 | |
| 6 | Lime | 557 | |
| 2 | coal | 559 | |
| 5 | shale | 564 | |
| 11 | Lime | 575 | |
| 4 | Broken sand | 579 | no oil |
| 2 | sandy shale | 581 | |
| 20 | shale | 601 | |
| 3 | Lime | 604 | |
| 12 | shale & Lime | 616 | |
| 6 | Lime | 622 | |
| 41 | shale | 663 | with some lime seams |
| 4 | sand | 667 | |
| 2 | sandy shale | 669 | |
| 24 | shale | 693 | |
| 1 | Broken sand | 694 | odor, 2% - 5% oil |
| 3 | sand | 697 | 70% - 80% oil, good bleed |
| 1 | Broken sand | 698 | 30% - 40% oil |
| 3 | sand | 701 | 70% - 80% oil |
| 1 | Broken sand | 702 | 30% - 40% oil |
| 2 | Broken sand | 704 | 2% oil |
| 2 | Broken sand | 706 | 20% - 30% oil |
| 30 | sandy shale | 738 | |
| 24 | shale | 762 | |
| 18 | sand | 780 | no oil, white grey sand |

Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053
913-837-8400

Ticket Number _____
Location _____
Foreman _____


Field Ticket & Treatment Report Cement

| Date | Customer# | Well Name & Number | Section | Township | Range | County |
|--------------------------|-----------|--------------------|---------|----------|-------|--------|
| 9-23-14 | | Weaver I-1 | 18 | 16 | 24 | Miami |
| Customer Triple T Oil | | Mailing Address | | | | |
| | | City | State | Zip Code | | |

Job Type Longstring Hole Size 5 5/8 Hole Depth 780 Casing Size & Weight 2 7/8
 Casing Depth 759 Drill Pipe _____ Tubing _____ Other _____
 Displacement 4.6 Displacement PSI 500 Mix PSI 200 Rate 4 BPM

Remarks _____

| Account Code | Quantity or Units | Description of Services or Product | Unit Price | Total | |
|--------------|-------------------|------------------------------------|------------|-----------------|-------|
| | | Pump Charge | | 700 | |
| | | Cement Truck | | 250 | |
| | | Water Truck | | 150 | |
| | 115 SK | Cement | 10 | 1150 | |
| | | Gel | | | |
| | | Plug | | 25 | |
| | | | | | |
| | | | | | |
| | | | Sales Tax | | |
| | | | | Estimated Total | 2275. |

Authorization  Title _____ Date 9-23-14

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.