

Miami County, KS  
 Well: Weaver 15  
 Lease Owner: Triple T Oil

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

Commenced Spudding:  
 9/25/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
13	Soil / Clay	13
7	Lime	14
4	Sandstone	18
5	Lime	23
19	Shale & Sandy Shale	42
22	Lime	64
70	Shale	134
15	Lime	149
13	Shale	162
9	Lime	171
35	Shale & Sandy Shale	206
6	Lime	212
34	Shale	246
10	Lime	256
16	Shale	272
24	Lime	296
7	Shale	303
20	Lime	323
4	Shale	327
3	Lime	330
2	Shale	332
11	Lime	343
7	Shale	350
5	Sand	355
108	Sandy Shale & Shale	463
3	Sand	466
4	Sandy Shale	470
52	Shale	522
4	Lime	526
4	Shale	530
3	Lime	533
7	Shale	540
6	Lime	546
2	Shale	548
7	Lime	555
2	Coal	557
5	Shale	562
5	Lime	567
2	Shale & Lime	569
5	Broken Sand	574



# 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. 15

Farm Weaver

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
13	soil/clay	13	
1	lime	14	
4	sandstone	18	
5	lime	23	
19	shale/sandy shale	42	
22	lime	64	
70	shale	134	
15	lime	149	
13	shale	162	
9	lime	171	
35	shale/sandy shale	206	
6	lime	212	
34	shale	246	
10	lime	256	
16	shale	272	
24	lime	296	
7	shale	303	
20	lime	323	
4	shale	327	
3	lime	330	
2	shale	332	
11	lime	343	Merthyr
7	shale	350	
5	sand	355	odor, little oil
108	sandy shale/shale	463	
3	sand	466	grey, no oil
4	sand, shale	470	

Thickness of Strata	Formation	Total Depth	Remarks
52	shale	522	
4	Lime	526	
4	shale	530	
2	Lime	533	
7	shale	540	red bed 534' 536'
6	Lime	546	
2	shale	548	
7	Lime	555	
2	coal	557	
5	shale	562	
5	Lime	567	
2	shales Lime	569	
5	Broken sand	574	along little oil
14	shale	588	
4	Lime	592	
2	slate	594	
6	shale	600	
2	Lime	602	
3	shales Lime	605	
6	shale	611	
4	limes shale	615	
4	Lime	619	
9	shale	628	
1	Lime	629	
28	shale	657	
5	sand	662	
28	shale	690	



# 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
9-26-14		Weaver 15	18	16	24	Miami
Customer: Triple T Oil		Mailing Address				
		City	State	Zip Code		

Job Type Logging Hole Size 5 5/8 Hole Depth 780 Casing Size & Weight 2 7/8  
 Casing Depth 761 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 5x	Cement	10	1150
		Gel		
		Plug		25
			Sales Tax	
				Estimated Total <u>2275</u>

Authorization \_\_\_\_\_ 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.