

Miami County, KS
 Well: Weaver #13
 Lease Owner: Triple T Oil

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

Commenced Spudding:
 9/3/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
11	Soil & Clay	11
17	Lime	28
10	Shale	38
6	Sand & Sandy Shale	44
21	Lime	65
70	Shale	135
16	Lime	151
13	Shale	164
9	Lime	173
7	Shale	180
9	Sandy Shale	189
19	Shale	208
6	Lime	214
35	Shale	249
10	Lime	259
15	Shale	274
26	Lime	300
6	Shale	306
20	Lime	326
4	Shale	330
2	Lime	332
2	Shale	334
12	Lime	346
7	Shale	353
4	Sandy Shale	357
4	Broken Sand	361
106	Sandy Shale	467
6	Sand	473
69	Shale	542
5	Lime	547
2	Shale	549
5	Lime	554
9	Shale	563
8	Lime	571
5	Broken Sand	576
2	Sandy Shale	578
11	Shale	589
4	Lime	593
2	Slate	595
6	Shale	601

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. 13

Farm Weaver

KS Miami
(State) (County)

18 16 2A
(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
11	oil clay	11	
17	Lime	28	
10	shale	38	
6	sandy shale	44	
21	Lime	65	no oil
70	shale	135	
16	Lime	151	
13	shale	164	
9	Lime	173	
7	shale	180	
9	sandy shale	189	
19	shale	208	
6	Lime	214	
35	shale	249	
10	Lime	259	
15	shale	274	
26	Lime	300	
6	shale	306	
20	Lime	326	
4	shale	330	
2	Lime	332	
2	shale	334	
12	Lime	346	
7	shale	353	
4	sandy shale	357	
4	Broken sand	361	
106	sandy shale	467	very little odor oil

Thickness of Strata	Formation	Total Depth	Remarks
2	sand	473	
29	shale	542	gray, no oil
5	Lime	547	
2	shale	549	
5	Lime	554	
9	shale	563	
8	Lime	571	
5	Arkian sand	576	
2	sandy shale	578	very little to no oil
11	shale	589	
4	Lime	593	
2	shale	595	
6	shale	601	
2	Lime	603	
2	shale & Lime	605	
7	shale	612	
4	lime & shale	616	
5	Lime	621	
8	shale	629	
1	Lime	630	
7	shale	637	
6	limed shale	643	
14	shale	657	
6	sand	663	
30	shale	693	gray, no oil
2	sand	695	
1	Arkian sand	696	sdon, 60% - 70% good blood 40% - 50% oil

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
9-4-14	Triple T	Weaver 13	18	16	24	MI
Customer Triple T		Mailing Address				
		City	State	Zip Code		

Job Type Long String 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	Cement	10	1150
		Gel		
		Plug	1	25
			Sales Tax	
Estimated Total				2275

Authorization [Signature] Title _____ Date 9-4-14

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.