

Miami County, KS  
Well: Weaver 21  
Lease Owner: Triple T Oil

Town Oilfield Service, Inc.

Commenced Spudding:  
10/24/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-19	Soil-clay	19
18	Lime	37
17	Shale	54
20	Lime	74
70	Shale	144
20	Lime	164
10	Shale	174
11	Lime	185
33	Shale	218
5	Lime	223
37	Shale	260
11	Lime	271
15	Shale	286
25	Lime	311
7	Shale	318
20	Lime	338
4	Shale	342
3	Lime	345
2	Shale	347
11	Lime	358 Hertha
126	Shale	484
8	Sand	492 grey-no oil
60	Shale	552
10	Lime	562
2	Shale	564
15	Lime	579
20	Shale	599
5	Lime	604
7	Shale	611
10	Lime	621
1	Shale	622
2	Lime	624
2	Shale	626
6	Lime	632
7	Shale	639
1	Lime	640
7	Shale	647
4	Lime	651
13	Shale	664
1	Lime	665



# 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  $BPH \times PSI \times .0004$

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. 21

Farm Weaver

KS

(State)

Miami

(County)

18

(Section)

16

(Township)

24

(Range)

For Triple T Oil  
(Well Owner)

15-121-31535

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Weaver Farm: Miami County

KS State; Well No. 21

Elevation 1087

Commenced Spuding 10-24 20 18

Finished Drilling 10-25 20 18

Driller's Name Wesley Dahlard

Driller's Name Ryan Ward

Driller's Name

Tool Dresser's Name

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS  
18 16 24

(Section) (Township) (Range)  
Distance from S line, 1155 ft.

Distance from E line, 3465 ft.

4 sacks  
9 hrs  
5 7/8 borehole  
2 7/8 casing

CASING AND TUBING RECORD

10" Set \_\_\_\_\_ 10" Pulled \_\_\_\_\_  
8" Set \_\_\_\_\_ 8" Pulled \_\_\_\_\_  
7" Set 20 6 1/2" Pulled \_\_\_\_\_  
4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_  
2" Set \_\_\_\_\_ 2" Pulled \_\_\_\_\_

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
747		Barite			
779		Float		2 7/8	
600		TD			

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599

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7	Shale	639	
1	Lime	640	
7	Shale	647	
4	Lime	651	
13	Shale	664	
1	Lime	665	
28	Shale	693	
1	Lime	694	
7	Shale	701	
7	Sand	708	Solid-good saturation
3	sand	711	broken-good saturation
89	sandy shale	800	TD



PRESSURE PUMPING LLC  
PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

11886  
11765

TICKET NUMBER 55495  
LOCATION Ottawa, KS  
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT  
CEMENT

Invoice #84419

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			
10/25/18	7966	Weaver # 21	Su 18	16	24	Mi			
CUSTOMER Triple T									
MAILING ADDRESS PO Box 339									
CITY Louisburg		STATE KS	ZIP CODE 66053						
		TRUCK #		DRIVER		TRUCK #		DRIVER	
		729		Carken		729		Safety Meeting	
		467		Kei Car					
		558		Alamad					
		369		Har Bec					

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 800' CASING SIZE & WEIGHT 2 7/8" CUE  
CASING DEPTH 779' DRILL PIPE \_\_\_\_\_ TUBING baffle - 747' OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 32'  
DISPLACEMENT 4.32 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Gel followed by 5 bbls fresh water, mixed & pumped 10.3 sks Portland A cement w/ 2% gel per sk, cement to surface, flushed pump down, pumped 2 1/2" rubber plug to baffle w/ 4.32 bbls fresh water, pressured to 800 PSI, released pressure to set float valve.

*Handwritten signature*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	—	MILEAGE		
CE0711	1/2 min	ton mileage	330.00	
WECE53	1 hr	80 vac	100.00	
		trucks	1930.00	
		- 40%	772.00	
		Subtotal		1158.00
18482 CC5840	103 sks	Portland A cement	1390.50	
CC5965	373 #	Gel	111.90	
CP8176	1	2 1/2" rubber plug	45.00	
		materials	1547.40	
		- 40%	618.96	
		Subtotal		928.44
<b>SCANNED</b>				
		8%	SALES TAX	74.28
			ESTIMATED TOTAL	2160.72

AUTHORIZATION No Co Rep TITLE \_\_\_\_\_ DATE (3601.19)

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.

