



# Short Cuts

## TANK CAPACITY

BBLs. (42 gal.) equals  $D^2 \times 14xh$

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. 5

Farm Ed Flake

KS Miami  
(State) (County)

9 18 24  
(Section) (Township) (Range)

For Triple T Oil LLC  
(Well Owner)

**Town Oilfield Services, Inc.**  
1207 N. 1st East  
Louisburg, KS 66053  
913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
0-27	Soil - clay	27	
6	shale	33	
8	Lime	41	
12	shale	53	
32	Lime	85	
6	shale	91	
21	Lime	112	
4	shale	116	
2	Lime	118	
4	shale	122	
6	Lime	128	
23	shale	151	Hardly
35	sand	186	no oil
103	sandy shale	289	
10	sand	299	
40	shale	339	
6	Lime	345	
18	shale	363	
8	Lime	371	
16	shale	387	
4	Lime	391	
10	shale	401	
21	Lime	422	
23	shale	445	
3	Lime	448	
52	shale	500	
7	sand	507	mostly solid good saturation





**CONSOLIDATED**  
Oil Well Services, LLC

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

TICKET NUMBER 49898  
LOCATION Ottawa KS  
FOREMAN Fred Maden

**Invoice # 806337**

4743  
4650

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-10-15	7966	Ed Flake #5	SW 9	18	24	MI
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Triple T Oil #LC			712	Fremad		
MAILING ADDRESS			495	Har Bac		
P.O. Box 339			675	Kai Doy		
CITY	STATE	ZIP CODE	548	Al McD		
Louisburg	KS	66053				

JOB TYPE Logging HOLE SIZE 5 7/8 HOLE DEPTH 560' CASING SIZE & WEIGHT 2 7/8 EUF  
CASING DEPTH 570 DRILL PIPE Baffle in TUBING 539 OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 31' + Plug  
DISPLACEMENT 3.148 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Hold safety meeting. Establish pump rate. Mix Pump 100% Gel  
Flush. Mix Pump 5 SKS Por Blend IA Cement 2% Gel  
Cement to Surface. Flush pump & lines clean. Displace 2 1/2"  
rubber plug to baffle in casing. Pressure to 800\* PSI. Release  
pressure to set float valve. Stay in casing.

705 Drilling - Wes.

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE 495	1500.00	
CE0002	-	MILEAGE	N/C	
CE0711	1/3 Minimum	Ton Miles Delivery 548	220.00	
WE0853	1 hr	80 BBL Vac Trk 675	100.00	
		Sub Total	1820.00	
		Less 46%	- 837.20	982.80
CC5840	75 SKS	Por Blend IA Cement	1012.50	
CC5965	226#	Bentonite Gel	67.80	
CP8176	1	2 1/2" Rubber Plug	45.00	
		Sub Total	1125.30	
		Less 46%	- 517.64	607.66
			8.20	
		SALES TAX		48.61
		ESTIMATED TOTAL		1639.07

Revin 8737

AUTHORIZATION \_\_\_\_\_

TITLE \_\_\_\_\_

DATE 30.35.22

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.