



# 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. 6

Farm John Flake

KS Miami  
 (State) (County)

8 18 24  
 (Section) (Township) (Range)

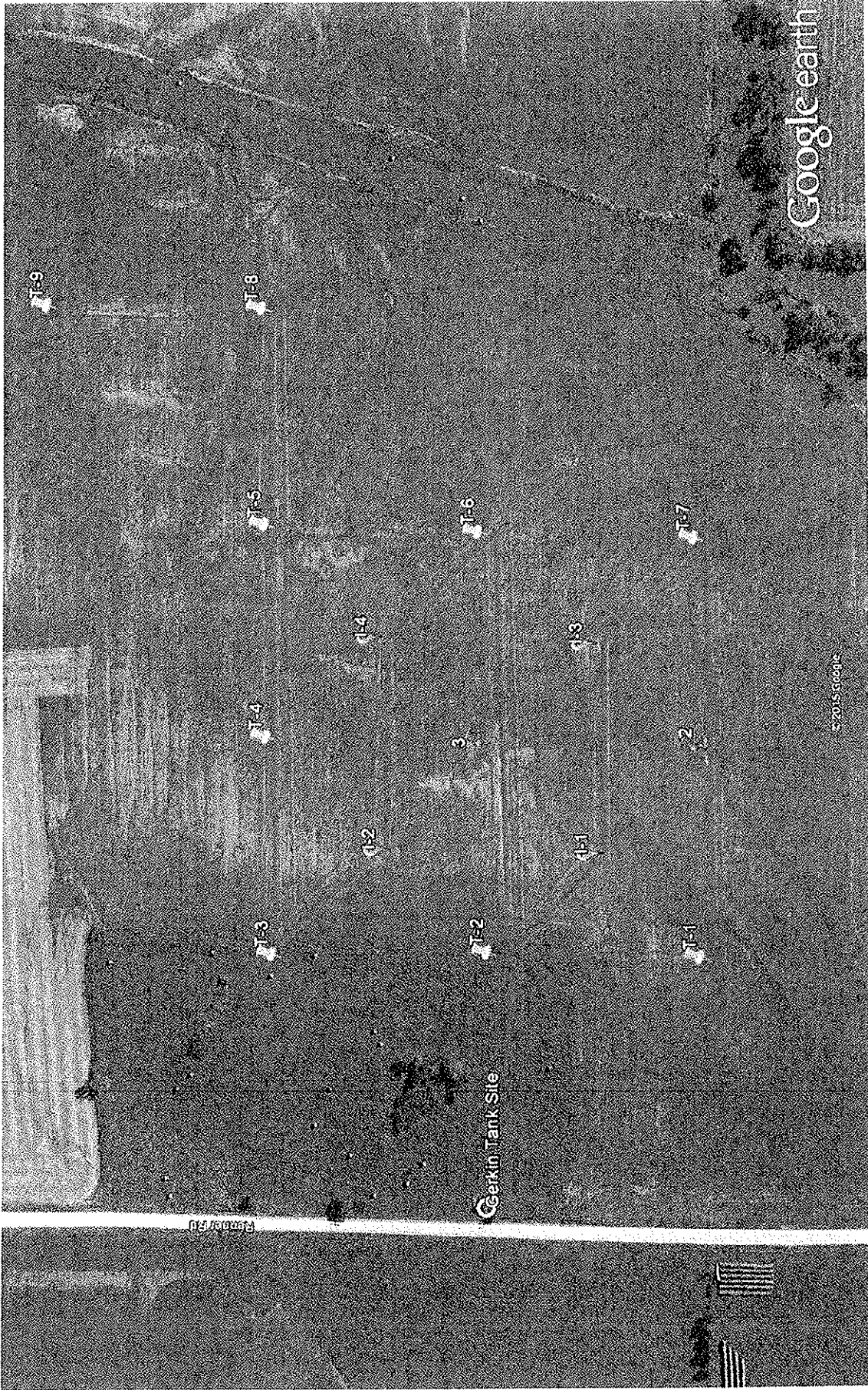
For Triple T Oil LLC  
 (Well Owner)

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



Thickness of Strata	Formation	Total Depth	Remarks
0-15	soil - clay	15	
34	shale	49	
8	lime	57	
12	shale	69	
32	lime	101	
8	shale	109	
21	lime	130	
4	shale	134	
2	lime	136	
4	shale	140	
7	lime	147	
153	shale	300	Hertha
8	sand	308	no oil
45	shale	353	
5	lime	358	
4	shale	362	
7	lime	369	
6	shale	375	
10	lime	385	
15	shale	400	
4	lime	404	
5	shale	409	
4	lime	413	
4	shale	417	
19	lime	436	
24	shale	460	
4	lime	464	





1000  
400



Google earth



4730  
9638

TICKET NUMBER 49896  
 LOCATION Oxkawa KS  
 FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT  
 CEMENT

Invoice # **806322**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-6-15	7966	John Flake # 6	SE 8	18	24	MI
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
Triple T Oil LLC			712	Fred Mader		
MAILING ADDRESS			495	Har Bee		
P.O. Box 339			369	Mik Haa		
CITY STATE ZIP CODE			548	Tra Hor		
Louisburg KS 66053						

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 1000 CASING SIZE & WEIGHT 2 7/8 EUE  
 CASING DEPTH 5650 DRILL PIPE Bufflo in TUBING @ .540.7 OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 3.14 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Hold Safety meeting, Establish pump rate. Mix & Pump 100\* Gal  
 Flush. Mix & Pump 78 SKs Por Blend I A Cement 290 Gal.  
 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. Shut in casing.

TOS Drilling - (wes) Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	495	1500.00
CE0002	30 mi	MILEAGE	495	21450
CF07H	Minimum	Ten Miles Delivery	548	660.00
WE0853	1 hr	80 BBL Vac Truck	369	10080
		Sub Total		247450
		Less 46%		-113827
				133623
CC5842	78 SKs	Por Blend I A Cement	105.30	8213.40
CC5965	231 #	Bentonite Gel	69.20	16084.20
CP8176	1	2 1/2" Rubber Plug	45.00	45.00
		Sub Total		116720
		Less 46%		-53626
				63094
		82	SALES TAX	50.43
			ESTIMATED	
			TOTAL	2017.00
				(3735.18)

6903

Ravin 3737

AUTHORIZATION [Signature]

TITLE \_\_\_\_\_

DATE 2017

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.