

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 $SPM \times d$

$$\text{BELT LENGTH} = 2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$$

* Need these to figure belt length

$$\text{TO FIGURE AMPS: } \frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$$

746 WATTS equal 1 HP

Log Book

Well No. 6

Farm Ed Flake

KS Miami
(State) (County)

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

For Triple T Oil
(Well Owner)

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

Thickness of Strata	Formation	Total Depth	Remarks
0-20	soil - clay	20	
18	Shale	38	
8	Lime	46	
12	Shale	58	
33	Lime	91	
6	Shale	97	
20	Lime	117	
4	Shale	121	
3	Lime	124	
4	Shale	128	
6	Lime	134	
22	Shale	156	Heitha
27	sand	183	
109	sandy shale	292	odor - no show
11	sand	303	
42	shale	345	
5	Lime	350	
17	shale	367	
8	Lime	375	
17	shale	392	
4	Lime	396	
14	shale	410	
20	Lime	430	
20	Shale	450	
3	Lime	453	
47	shale	500	
4	sandy shale	504	



CONSOLIDATED
Oil Well Services, LLC

4745
4652

TICKET NUMBER 49897
LOCATION Ottawa KS
FOREMAN Fred Maden

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

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 806339

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-10-15	7966	Ed Flak 6	sw 9	18	24	MI
CUSTOMER						
Triple T oil LLC						
MAILING ADDRESS						
P.O. Box 339						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
Louisburg	KS	66053	712	Fred Mad		
			495	Har Bec		
			675	Ken Dax		
			548	Art Mcb		

JOB TYPE Logging HOLE SIZE 5 7/8 HOLE DEPTH 560 CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 565.78 DRILL PIPE Baffle TUBING @ 54.40 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 24' x Plug
 DISPLACEMENT 3.14 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.13 PM

REMARKS: Hold safety meeting. Establish circulation. Mix Pump 100% Gel
 flush. Mix + Pump 45 SKS Poz Blend IA Cement 270 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 Maden

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
CE0711	3 Minimum	Ten Miles Delivery	548	220.00
WE0853	1 hr	80 BBL Vac Truck	675	100.00
		Sub Total		20345.00
		Less 46%		9358.7
				10986.3
CC5940	75 SKS	Poz Blend IA Cement	1012.50	
CC5965	226 #	Bentonite Gel	67.50	
CP8176	1	2 1/2" Rubber Plug	45.00	
		Sub Total		1125.00
		Less 46%		-517.64
				607.36
			8%	SALES TAX
				48.61
				ESTIMATED TOTAL
				1754.90

Ravin 3737

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.