

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. 1

Farm Zummulen B.

KS

(State)

Crawford

(County)

31

(Section)

28

(Township)

21

(Range)

For Town Oil Co.

(Well Owner)

Town Oil Company, Inc.

16205 W. 287th St.

Paola, KS 66071

913-294-2125



PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 68720
620-431-9210 or 800-457-8676

10594 / 1480

TICKET NUMBER 53993
LOCATION Glauca, KS
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/2/18	7823	Zumwalt # B-1	NW31	28	22	CR
CUSTOMER			TRUCK # DRIVER TRUCK # DRIVER			
Town Oil Co						
MAILING ADDRESS						
110205 W. 287 St						
CITY	STATE	ZIP CODE				
Paola	KS	66071				

JOB TYPE long string HOLE SIZE 6 3/4" HOLE DEPTH 442' CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH 409' DRILL PIPE _____ TUBING sand to 422' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 10'
 DISPLACEMENT 6.36 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS: well safety meeting, checked sand depth w/ wireline, established circulation, mixed & pumped 100 # Gel followed by 5 bbls fresh water, mixed & pumped 65 stks Pozblend IA cement w/ 2% gel per st, cement to surface, displaced cement to 377' w/ 6.36 bbls fresh water, shut in casing.

Customer supplied H₂O

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	70 mi	MILEAGE	500.50	
CE0711	min	ton mileage	600.00	
		trucks	2660.50	
		-30%	798.15	
		Subtotal		1862.35
CCS840	65 stks	Pozblend IA cement	877.50	
CCS965	209 #	Gel	62.70	
		materials	940.20	
		-30%	282.06	
		subtotal		1058.14
		7.5%	SALES TAX	49.36
			ESTIMATED TOTAL	2569.85

Ravin 3737

AUTHORIZATION Winter Loan TITLE _____ DATE (3671.22)

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.