

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. I-3-2

Farm Thomas C

KS Johnson
(State) (County)

14 14 22
(Section) (Township) (Range)

For ST Petroleum inc
(Well Owner)

15-091-24473

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-24	soil-clay	24	
21	Lime	45	
7	Shale	52	
10	Lime	62	
8	Shale	70	
14	Lime	84	
11	Shale	95	
9	sand	104	redbed no oil
75	Lime	179	
29	Shale	208	
8	Lime	216	
19	Shale	235	
9	Lime	244	
6	Shale	250	
7	Lime	257	
32	Shale	289	
1	Lime	290	
10	Shale	300	
27	Lime	327	
5	Shale	332	
24	Lime	356	
4	Shale	360	
4	Lime	364	
3	Shale	367	
8	Lime	375	Hertha
172	Shale	547	
6	Lime	553	



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 820-431-8210 or 800-467-8676

12067
 11951

TICKET NUMBER 55537
 LOCATION Ottawa, KS
 FOREMAN Jim Green

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-20-18	7532	Thomas C #E-3-2	SW 14	14	22	30
CUSTOMER <u>ST Petroleum</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>18800 Sun Flower Rd</u>			<u>1669</u>	<u>Jim Gre</u>		
CITY <u>Edgerton</u>			<u>495</u>	<u>Her Bel</u>		
STATE <u>Ks.</u>			<u>1675</u>	<u>Key Det</u>		
ZIP CODE <u>66601</u>			<u>548</u>	<u>Alamad</u>		
JOB TYPE <u>Long string</u>	HOLE SIZE <u>5 7/8"</u>	HOLE DEPTH <u>941'</u>	CASING SIZE & WEIGHT <u>2 7/8"</u>			
CASING DEPTH <u>924'</u>	BRILL PIPE <u>894'</u>	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			

REMARKS: Held Safety Meeting. Mix and pump 100# Gel to flush Hde. Mix and pump 114 sk Poz-Blend IA with 2% Gel & 1/4" F10-Seal. Circulated cement to surface, Flush pump clear of cement. Pump 2 7/8" rubber plug to total depth of casing. Pressure up to 800# PSI. Ran a 30 min MET, well held good set floor.

QES Ran a 30 min MET at 800# PSI well held good.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500 ⁰⁰	
CE0002	30	MILEAGE Cement Pump	214.32	
CE074	1	Ton mileage	660 ⁰⁰	
WE0853	2 HRT	VLL TIC	200 ⁰⁰	
		Sub Total	2574.52	
		- Less - 40%	1029.80	
		Total		1544.72
CC5840	114 sk	Poz-Blend IA	1539 ⁰⁰	
CC5965	292 ⁰⁰	Gel	87 ⁰⁰	
CC6075	29 ⁰⁰	F10-Seal	58 ⁰⁰	
CF8176	1	2 7/8" Rubber Plug	45 ⁰⁰	
		Sub Total	1729.00	
		- Less - 40%	691.80	
		Total		1037.20
		7,975	SALES TAX	82.76
			ESTIMATED TOTAL	2665.22
				(4442.09)

Ravin 3737

AUTHORIZATION [Signature] 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.