

Short Cuts

TANK CAPACITY

BBL.S. (42 gal.) equals D²x.14xh

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 - RPMxd over SPMxR

d - SPMxRXD over RPM

SPM - RPMXD over RXD

R - RPMXD over SPMXD

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

* Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS:

VOLTS

746 WATTS equal 1 HP

Log Book

Well No. I-1

Farm Superior

KS

(State)

Franklin

(County)

10

(Section)

16

(Township)

21

(Range)

For TDR Construction

(Well Owner)

15-059-27226

**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	
25	Lime	45	
7	Shale	52	
10	Lime	63	
1	Shale	64	
1	Lime	65	
3	Shale	68	
17	Lime	85	
34	Shale	121	
14	Lime	135	redbed
84	Shale	219	
21	Lime	240	
28	Shale	268	
6	Lime	274	
29	Shale	303	
1	Lime	304	
12	Shale	316	
2	Lime	318	
16	Shale	334	
23	Lime	357	
8	Shale	365	
22	Lime	387	
4	Shale	391	
4	Lime	395	
5	Shale	400	
5	Lime	405	
10	Sandy shale	415	Hartman

415

Thickness of Strata	Formation	Total Depth	Remarks
10	Shale	431	
6	sandy shale	437	
21	shale	458	
18	sand	476	grey - no oil
38	shale	514	
8	sand	522	
33	shale	555	brown - no odor - no show
2	lime	557	
7	shale	564	
8	lime	572	
20	shale	592	
3	sand	595	grey - no oil
13	shale	608	
10	lime	618	
11	shale	629	
4	lime	633	
9	shale	642	
12	lime	654	
16	shale	670	
1	lime	671	
9	shale	680	
4	sandy shale	684	
54	sand	738	broken - good oil show
20	shale	758	718-738 mostly solid.
10	sand & shale	768	no oil
72	shale	840	best oil show