

Franklin County, KS
Well: McCoy # 20
Lease Owner:TDR

Town Oilfield Service, Inc.
(913) 294-2125

Commenced Spudding:
4/6/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-45	Soil-Clay	45
26	Shale	71
25	Lime	96
8	Shale	104
11	Lime	115
3	Shale	118
19	Lime	137
40	Shale	177
20	Lime	197
74	Shale	271
24	Lime	295
22	Shale	317
9	Lime	326
40	Shale	366
4	Lime	370
12	Shale	382
25	Lime	407
7	Shale	414
24	Lime	438
3	Shale	441
5	Lime	446
3	Shale	449
6	Lime	455
49	Shale	504
36	Sandy Shale	540
40	Shale	580
6	Sandy Shale	586
47	Shale	633
8	Lime	641
40	Shale	681
3	Lime	684
47	Shale	731
2	Sandy Shale	733
1	Sand	734
14	Sand	748-TD

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. 20

Farm McLoy

KS Franklin
(State) (County)

32 15 21
(Section) (Township) (Range)

For TDR Construction
(Well Owner)

15-059-27182

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

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0-45	soil - clay	45	
26	Shale	71	
25	Lime	96	
8	Shale	104	
11	Lime	115	
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