

Franklin County, KS  
Well: Green 3  
Lease Owner: Honey Well

Town Oilfield Service, Inc.  
(913) 837-8400

Commenced Spudding:  
07/16/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-18	soil/clay	18
36	shale	54
18	lime	72
14	shale	86
1	lime	87
27	shale	114
5	lime	119
30	shale	149
8	lime	157
3	shale	160
1	lime	161
13	shale	174
25	lime	199
9	shale	208
20	lime	228
5	shale	233
3	lime	236
3	shale	239
7	lime	246
8	shale	254
3	sand	257
27	shale	284
14	sandy shale	298
8	sand	306
52	shale	358
6	sand	364
8	sandy shale	372
19	shale	391
10	shale and lime	401
31	shale	432
7	lime	439
7	shale	446
6	lime	452
10	shale	462
10	lime	472
12	shale	484
4	lime	488
8	shale	496
7	lime	503
38	shale	541



# 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. 3

Farm Greer

KS

(State)

Franklin

(County)

2

(Section)

17

(Township)

22

(Range)

For Honey Well  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400



Thickness of Strata	Formation	Total Depth	Remarks
0-18	Soil-Clay	18	
36	Shale	54	
18	Lime	72	
14	Shale	86	
1	Lime	87	
27	Shale	114	
5	Lime	119	
30	Shale	149	
8	Lime	157	
3	Shale	160	
1	Lime	161	
13	Shale	174	
25	Lime	199	
9	Shale	208	
20	Lime	228	
5	Shale	233	
3	Lime	236	
3	Shale	239	
7	Lime	246	Hertha
8	Shale	254	
3	Sand	257	No Oil
27	Shale	284	
14	Sandy Shale	298	
8	Sand	306	No Oil
52	Shale	358	
6	Sand	364	No Oil
8	Sandy Shale	372	



372

Thickness of Strata	Formation	Total Depth	Remarks
19	Shale	391	
10	Shale & Lime	401	
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7	Lime	439	
2	Shale	441	
6	Lime	452	
10	Shale	462	
10	Lime	472	
12	Shale	484	
4	Lime	488	
8	Shale	496	
7	Lime	503	
38	Shale	541	No Oil
2	Sand	543	
21	Sandy Shale	564	
28	Shale	592	
5	Sand	597	No Oil
34	Sandy Shale	631	
27	Shale	659	
27	Sandy Shale	686	
8	shale	694	
10	Sandy Shale	704	
56	Shale	760	TD