

Johnson County, KS  
Well: Meyers I-6  
Lease Owner: D Z

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

Commenced Spudding:  
10/29/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
4	Soil-Clay	4
24	Sandstone	28
8	Grey Sand	36
11	Shale	47
7	Lime	54
19	Shale	73
7	Lime	80
5	Shale	85
17	Lime	102
8	Shale	110
9	Lime	119
8	Shale	127
19	Lime	146
16	Shale	162
20	Lime	182
9	Shale	191
57	Lime	248
20	Shale	268
6	Lime	274
22	Shale	296
7	Lime	303
3	Shale	306
9	Lime	315
35	Shale	350
1	Lime	351
12	Shale	363
26	Lime	389
7	Shale	396
24	Lime	420
4	Shale	424
2	Lime	426
5	Shale	431
9	Lime	440
78	Shale	518
7	Grey Sand	525
90	Shale	615
5	Lime	620
13	Shale	633
3	Lime	636
21	Shale	657



# 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. 16

Farm Meyers

Kansas Johnson  
 (State) (County)

28 14 22  
 (Section) (Township) (Range)

For D+Z Exploration  
 (Well Owner)

## Town Oilfield Services, Inc.

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



Thickness of Strata	Formation	Total Depth	Remarks
4	soil + clay	4	
24	sandstone	28	
8	gray sand	36	
11	shale	47	
7	lime	54	
19	shale	73	
7	lime	80	
5	shale	85	
17	lime	102	
8	shale	110	
9	lime	119	
8	shale	127	
19	lime	146	
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Thickness of Strata	Formation	Total Depth	Remarks
7	shale	396	
24	lime	420	
4	shale	424	
2	lime	426	
5	shale	431	
9	lime	440	
78	shale	518	
7	grey sand	525	
90	shale	615	
5	lime	620	
13	shale	633	
3	lime	636	
21	shale	657	
3	lime	660	
8	shale	668	
2	lime	670	
5	shale	675	
2	lime	677	
113	shale	790	
10	grey sand	800	
103	shale	903	
5	broken sand	908	the odor poor saturation
6	ol sand	914	very good bleed
3	broken sand	917	lite bleed good saturation
8	sandy shale	925	
55	shale	980	10

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