

Johnson County, KS  
Well: Meyer I-20  
Lease Owner: D Z

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

Commenced Spudding:  
11/3/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
8	Soil-Clay	8
5	Sandstone	13
32	Shale	45
5	Lime	50
5	Shale	55
17	Lime	72
10	Shale	82
7	Lime	89
8	Shale	97
20	Lime	117
16	Shale	133
19	Lime	152
10	Shale	162
56	Lime	218
19	Shale	237
8	Lime	245
19	Shale	266
6	Lime	272
5	Shale	277
9	Lime	286
34	Shale	320
1	Lime	321
11	Shale	332
12	Lime	344
2	Limey Sand	346
6	Lime	352
2	Shale	354
3	Lime	357
8	Shale	365
23	Lime	388
4	Shale	392
3	Lime	395
7	Shale	402
6	Lime	408
177	Shale	585
5	Lime	590
11	Shale	601
4	Lime	605
17	Shale	622
5	Lime	627





# Short Cuts

## TANK CAPACITY

BBLs. (42 gal.) equals  $D^2 \times 14xh$

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-20

Farm Meyer

KS Johnson  
(State) (County)

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

For D+2 Exploration  
(Well Owner)

## Town Oilfield Services, Inc.

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

Farm: \_\_\_\_\_ County \_\_\_\_\_

State; Well No. \_\_\_\_\_

Elevation \_\_\_\_\_

Feet

Commenced Spuding 11-3, 20 14

Finished Drilling 11-4, 20 14

Driller's Name \_\_\_\_\_

Driller's Name \_\_\_\_\_

Driller's Name Kenny Gunn

Tool Dresser's Name Cole Holcom

Tool Dresser's Name \_\_\_\_\_

Tool Dresser's Name \_\_\_\_\_

Contractor's Name \_\_\_\_\_

(Section) (Township) (Range)

Distance from \_\_\_\_\_ line, \_\_\_\_\_ ft.

Distance from \_\_\_\_\_ line, \_\_\_\_\_ ft.

### CASING AND TUBING RECORD

10" Set \_\_\_\_\_ 10" Pulled \_\_\_\_\_

8" Set 20' 8" Pulled \_\_\_\_\_

6 1/4" Set \_\_\_\_\_ 6 1/4" Pulled \_\_\_\_\_

4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_

2 7/8" Set 935.75 2" Pulled \_\_\_\_\_

Thickness of Strata	Formation	Total Depth	Remarks
8	soil & clay	8	
5	sandstone	13	
32	shale	45	
5	lime	50	
5	shale	55	
17	lime	72	
10	shale	82	
7	lime	89	
8	shale	97	
20	lime	117	
16	shale	133	
19	lime	152	
10	shale	162	
56	lime	218	
19	shale	237	
8	lime	245	
19	shale	264	
6	lime	270	
5	shale	275	
9	lime	284	
34	shale	320	
1	lime	321	
11	shale	332	
12	lime	344	
2	lime sand	346	
6	lime	352	
2	shale	354	

lit. oil bleed.



354

Thickness of Strata	Formation	Total Depth	Remarks
3	lime	357	
8	shale	365	
23	lime	388	
4	shale	392	
3	lime	395	
7	shale	402	
6	lime	408	Here thin
177	shale	585	
5	lime	590	
11 1/2	shale	601	
4	lime	605	
17	shale	622	
5	lime	627	
6	shale	633	
2	lime	635	
6	shale	641	
3	lime	644	
104	shale	748	
5	broken sand	753	very like later
10	sandy shale	763	
108	shale	871	
3	broken sand	874	like later
9	oil sand	883	very good bleed great saturation
2	broken sand	885	good bleed like saturation
5	sandy shale	890	no oil
50	shale	960	TD