

Franklin County, KS
Well: Superior # 1
Lease Owner: TDR

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

Commenced Spudding:
2/26/18

WELL LOG

Thickness of Strata	Formation	Total Depth
0-26	Soil-Clay	26
24	Lime	50
6	Shale	56
13	Lime	69
2	Shale	71
17	Lime	88
37	Shale	125
14	Lime	139
84	Shale	223
22	Lime	245
26	Shale	271
6	Lime	277
29	Shale	306
1	Lime	307
12	Shale	319
3	Lime	322
15	Shale	337
25	Lime	362
6	Shale	368
23	Lime	391
4	Shale	395
4	Lime	399
4	Shale	403
5	Lime	408
10	Sandy Shale	418
17	Shale	435
5	Sandy Shale	440
22	Shale	462
18	Sand	480
41	Shale	521
5	Sand	526
29	Shale	555
3	Lime	558
8	Shale	566
8	Lime	571
22	Shale	596
4	Sand	600
10	Shale	610
8	Lime	618
13	Shale	631

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[illegible]

[illegible]

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. 1

Farm Superior

KS Franklin
(State) (County)

10 16 21
(Section) (Township) (Range)

For TDR construction
(Well Owner)

15-059-27176

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Farm: 55-1-1 County

State; Well No.

Elevation

Commenced Spuding

Finished Drilling

Driller's Name**Driller's Name****Driller's Name****Tool Dresser's Name****Tool Dresser's Name****Tool Dresser's Name****Contractor's Name**

(Section)

Distance from

Distance from

10/1/54

1-19

1341 0.110

11/1

CASING AND TUBING RECORD

10'' Set

8'' Sat

6 1/4" Set

4'' Set

2'' Set

CASING AND TUBING MEASUREMENTS

[illegible]

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0-26	soil - clay	26	
24	Lime	50	
6	Shale	56	
13	Lime	69	
2	Shale	71	
17	Lime	88	
37	Shale	125	
14	Lime	139	
84	Shale	223	
22	Lime	245	
26	Shale	271	
6	Lime	277	
29	Shale	306	
1	Lime	307	
12	Shale	319	
3	Lime	322	
15	Shale	337	
25	Lime	362	
6	Shale	368	
23	Lime	391	
4	Shale	395	
4	Lime	399	
4	Shale	403	
5	Lime	408	Heating
10	Sandy shale	418	
17	Shale	435	
5	Sandy shale	440	

440

Thickness of Strata	Formation	Total Depth	Remarks
22	Shale	462	
18	Sand	480	
41	Shale	521	grey - no oil
5	sand	526	
29	Shale	555	brown - no odor - no show
3	Lime	558	
8	Shale	566	
8	Lime	574	
22	Shale	596	
4	sand	600	grey - no oil
10	Shale	610	
8	Lime	618	
13	Shale	631	
3	Lime	634	
10	Shale	644	
8	Lime	652	
3	Shale	655	
1	Lime	656	
24	Shale	680	
10	sandy shale	690	odor - no show
1	sand	691	broken oil
19	core	710	page 6
31	Sand	741	mostly solid - good oil show
1	sandy lime	742	no oil - grey
13	Shale	760	
14	sand & shale	774	no oil
86	Shale	860	TD

PO Box 339 Louisburg, KS 66053
913-294-2125

Ticket # _____
Location _____
Foreman _____

Date	Customer#	Well Name & Number	Section	Township	Range	County
3-1-18		Superior #1	10	16	21	FR
Customer		Mailing Address				
City			State		Zip Code	

Job Type long string Hole Size 6 3/4 Hole Depth 840 Casing Size & Weight 4 1/2

Casing Depth 835 Drill Pipe _____ Tubing _____ Other _____

Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks _____

[illegible]

Authorization *[Signature]* Title _____ Date 3-1-18