

Franklin County, KS
Well: S. Fiehler # 11
Lease Owner: R.T.

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

Commenced Spudding:
8/18/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-20	Soil-Clay	20
23	Lime	43
7	Shale	50
12	Lime	62
3	Shale	65
24	Lime	89
35	Shale	124
19	Lime	143
17	Sand	160
62	Shale	222
23	Lime	245
23	Shale	268
5	Lime	273
25	Shale	298
5	Lime	303
12	Shale	315
2	Lime	317
16	Shale	333
22	Lime	355
10	Shale	365
21	Lime	386
4	Shale	390
4	Lime	394
5	Shale	399
4	Lime	403
116	Shale	519
14	Sand	533
35	Shale	568
7	Lime	575
7	Shale	582
8	Lime	590
6	Shale	596
9	Lime	605
13	Shale	618
3	Lime	621
5	Shale	626
12	Lime	638
14	Shale	652
2	Lime	654
4	Shale	658

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. 11

Farm South Fichter

KS
(State)

Franklin
(County)

8
(Section)

16
(Township)

21
(Range)

For RT Enterprises
(Well Owner)

API #

15-059-27113

**Town Oilfield
Services, Inc.**

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

South
Fichtler Farm: Franklin County
125 State; Well No. 11

Elevation 971
Commenced Spuding 8-18 20 16
Finished Drilling 8-19 20 16
Driller's Name Wesley Dollard
Driller's Name _____
Driller's Name _____
Tool Dresser's Name Ryan Ward
Tool Dresser's Name _____
Tool Dresser's Name _____
Contractor's Name TOS
8 16 21

(Section) (Township) (Range)
Distance from S line, 3135 ft.
Distance from E line, 4455 ft.

3 sacks
8 hrs
5 7/8 borehole
2 7/8 casing

**CASING AND TUBING
RECORD**

- 10" Set _____ 10" Pulled _____
- 8" Set _____ 8" Pulled _____
- 6 1/4" Set _____ 6 1/4" Pulled _____
- 4" Set _____ 4" Pulled _____
- 2" Set _____ 2" Pulled _____

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
706.40		B	11		
738.30		Float			
760.30			2 7/8		
21'		6 1/4" casing pipe			
		9.50 per FT			

Thickness of Strata	Formation	Total Depth	Remarks
0-20	soil-clay	20	
23	Lime	43	
7	Shale	50	
12	Lime	62	
3	Shale	65	
24	Lime	89	
35	Shale	124	red bed
19	Lime	143	
17	Sand	160	no oil
62	Shale	222	
23	Lime	245	
23	Shale	268	some sand no oil
5	Lime	273	
25	Shale	298	
5	Lime	303	
12	Shale	315	
2	Lime	317	
16	Shale	333	
22	Lime	355	
10	Shale	365	
21	Lime	386	
4	Shale	390	
4	Lime	394	
5	Shale	399	
4	Lime	403	
116	Shale	519	
14	Sand	533	color

533

Thickness of Strata	Formation	Total Depth	Remarks
35	Shale	568	
7	Lime	575	
7	Shale	582	
8	Lime	590	
6	Shale	596	coal
9	Lime	605	
13	Shale	618	
3	Lime	621	
5	Shale	626	
12	Lime	638	
14	Shale	652	
2	Lime	654	
4	Shale	658	
1	sand	659	no oil
7	sand	666	mostly solid - good situation
1	sandy lime	667	no oil
6	sand	673	broken - good oil show
7	sandy shale	680	
40	Shale	720	
12	sand & sandy shale	732	gas color
28	Shale	760	TD

Town Oilfield Service

P.O. Box 339 Louisburg, Ks 66053
913-837-8400

Ticket Number _____
Location _____
Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer	Well Name & Number	Section	Township	Range	County
8-19-16	South Fichter	11	8	16	21	FR
Customer			Mailing Address			
			City	State	Zip Code	

Job Type Long String Hole Size 5 5/8 Hole Depth 760 Casing Size & Weight 2 1/2
 Casing Depth 738 Drill Pipe _____ Tubing _____ Other _____
 Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		600
		Cement Truck		250
		Water Truck		150
	<u>132</u>	Cement	<u>9.25</u>	<u>1221</u>
		Gel		
		Plug		25
			Sales Tax	
Estimated Total				<u>2246</u>

Authorization [Signature] Title _____ Date _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.