

Miami County, KS
 Well: Schmitt # 44
 Lease Owner: R.T.

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

Commenced Spudding:
 11/28/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-17	Soil-Clay	17
16	Lime	33
19	Sand	52
5	Sandy Lime	57
13	Shale	70
5	Lime	75
33	Shale	108
15	Lime	123
11	Shale	134
12	Lime	146
3	Sand	149
10	Lime	159
8	Shale	167
22	Lime	189
4	Shale	193
3	Lime	196
4	Shale	200
7	Lime	207
9	Shale	216
8	Sandy Shale	224
9	Shale	233
10	Sand	243
47	Sandy Shale	290
30	Shale	320
3	Sand	323
3	Sandy Shale	326
30	Shale	356
8	Limey Sand	364
37	Shale	401
6	Lime	407
9	Shale	416
5	Lime	421
10	Shale	431
10	Lime	441
13	Shale	454
2	Lime	456
17	Shale	473
2	Lime	475
18	Shale	493
4	Lime	497

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. 44

Farm Schmidt

KS Miami
(State) (County)

11 17 22
(Section) (Township) (Range)

For R.T. Enterprises
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-17	soil - clay	17	
16	Lime	33	
19	sand	52	no oil
5	sandy lime	57	
13	shale	70	
5	Lime	75	
33	shale	108	
15	Lime	123	
11	shale	134	
12	Lime	146	
3	sand	149	no oil
10	Lime	159	
8	shale	167	
22	Lime	189	
4	shale	193	
3	Lime	196	
4	shale	200	
7	Lime	207	Heatha
9	shale	216	
8	sandy shale	224	
9	shale	233	
10	sand	243	no oil - water
47	sandy shale	290	
30	shale	320	
3	shale & lime	323	
3	sand	326	broken oil - slight show
30	shale	356	

356

Thickness of Strata	Formation	Total Depth	Remarks
8	limy sand	364	odor
37	Shale	401	
6	Lime	407	
9	Shale	416	
5	Lime	421	
10	Shale	431	coal
10	Lime	441	
13	Shale	454	
2	Lime	456	
17	Shale	473	
2	Lime	475	
18	Shale	493	
4	Lime	497	
2	Shale	499	
2	Lime	501	
59	Shale	560	
40	sandy shale	600	
15	Shale	615	
5	sand	620	no oil
5	sandy shale	625	
2	sand	627	broken - OK show
2	sand	629	no oil
2	sand	631	broken - OK show
9	sand	640	broken - good oil show
3	Lime	643	no oil
1	sand	644	broken - OK show
81	Shale	725	

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
11-29-16		Schmitt #44	11	17	22	MI
Customer			Mailing Address			
			City	State	Zip Code	

Job Type long string Hole Size 5 5/8 Hole Depth 740 Casing Size & Weight _____
 Casing Depth 708 Drill Pipe _____ Tubing _____ Other _____
 Displacement 4.6 Displacement PSI 500 Mix PSI 600 Rate 6 BPM

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		600
		Cement Truck		250
		Water Truck		150
	103	Cement	9.5	978.5
		Gel		
	1	Plug		25
			Sales Tax	

Estimated Total 2003.5

Authorization _____ 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.