

LOCATION: Unit G Section 7 Township 19.5 Range 286

d_{max} 2.00303 F 0.07539 GH 8665
 P_{cr} 663 T_{cr} 447

9783	1	0	4	11	1	0	0	11
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LINE		1	2	3	4		1	2	3	4
1 Q _m	S1	.1229	.1305	.1418	.1571	S1	.1229	.1305	.1418	.1571
2 T _w (W.H. °R)	522	528	532	535	538					
3 T _s (B.H. °R)	610	608	606	605	604					
4 T = ($\frac{T_w + T_s}{2}$)	566	568	569	570	571	566	568	569	570	571
5 Z (Est.)	.69	.625	.616	.600	.604	.635	.622	.614	.607	
6 T _Z	390.54	355.00	350.50	342.00	344.88	387.71	353.30	349.37	345.99	
7 CH/TZ	22.187	24.408	24.722	25.236	25.124	22.349	24.526	24.802	25.044	
8 c ^s (Table XIV)	2.298	2.4976	2.5271	2.5860	2.5655	2.3120	2.5086	2.5347	2.5578	
9 1-e ^{-s} (Table XIV)		0.5996	0.6043	0.6133	0.6102		0.6014	0.6055	0.6090	
10 P _t	2448.2	1859.2	1761.2	1623.2	1470.2	2448.2	1859.2	1761.2	1623.2	
11 P _t 2/1000	5993.68	3456.62	3101.825	2634.78	2161.5	5993.68	3456.62	3101.825	2634.78	
12 E _t (Table XV) = .0375 $\frac{5H}{T^2}$	.83202	.91532	.92706	.95011	.94216	.83809	.91973	.93008	.93915	
3 F _c = F _t TZ		6.2370	6.1579	6.0086	6.0593		6.2071	6.1381	6.0787	
14 F _c Q _m		1.4283	1.878	2.5116	3.460		1.4214	1.872	2.5409	
15 L/H (F _c Q _m) 2		2.040	3.527	6.3081	11.9706		2.0205	3.505	6.4562	
16 F _w = L/H (F _c Q _m) 2 (1-e ^{-s})		1.223	2.132	3.869	7.304		1.215	2.122	3.932	
17 P _w 2 = P _t 2 + F _w		3457.85	3103.96	2638.65	2168.79		3457.84	3103.95	2638.71	
18 P _s 2 = e ^s P _w 2	13773.2	8636.32	7844.0	6823.55	5564.0	13857.4	8674.3	7867.57	6749.3	
19 P _s	3711.2	2938.8	2800.7	2612.2	2358.8	3722.6	2945.2	2804.9	2599.9	
20 F = ($\frac{P_t + P_s}{2}$)	3079.7	2399.0	2281.0	2117.7	1914.5	3085.4	2402.2	2283.1	2110.6	
21 P _t = (P/P _{cl})	4.645	3.618	3.440	3.194	2.888	4.654	3.623	3.444	3.183	
22 T _t = (T/T _{cl})	1.266	1.270	1.273	1.275	1.277	1.266	1.270	1.273	1.275	
23 Z (Table XI)	0.685	0.622	0.614	0.607	0.604	0.685	0.622	0.614	0.607	

$$\begin{array}{r}
 4595(1703) \\
 15155 \\
 \hline
 1 + 777
 \end{array}$$

$$\begin{array}{r}
 1251723 \\
 \hline
 15155
 \end{array}$$

$$\begin{array}{r}
 662.5 \quad 455.5 \\
 \hline
 1.8 \quad 5.5 \\
 332 \quad 447
 \end{array}$$

$$\begin{array}{r}
 1703 \\
 668.5 \quad 393 \\
 \hline
 1.8 \quad 5.5 \\
 669 \quad 387
 \end{array}$$

$$F_r = \frac{1.63224}{15.1600 + 2 \log 1.8} = 1.0175$$