

LOCATION: Unit _____ Section _____ Township _____ Range _____

$\frac{d}{\lambda, 000 \text{ \AA}}$	F_1	GH	P_{cr}	T_{gr}
1.017626		5097.7	693	357

11 (36)
d 110000 F₁ 10164 GH 50977
P_{CF} 912 T_{CF} 231
TABLE IX & X TABLE IX & X

LINE	1	2	3	4	5	6	7	8	9
1 Q_m		2.927	1.054	1.424	1.761				
2 T_w (W.H. °R)		516	520	524	527				
3 T_g (B.H. °R)	601	600	500	599	599				
4 $T = (\frac{1}{w} + \frac{1}{s})$	556	559	560	561.5	563		558	560	561.5
5 Z (Est.)	.8115	.800	.802	.805	.815				.814
6 TZ	45.119	45.63	449.12	459.01	458.85				458.28
7 GH/TZ	11.299	11.365	11.350	11.298	11.110				11.124
8 e^s (Table XIV)	1.52276	1.5313	1.5306	1.5264	1.5168				1.5176
9 $1 - e^s$ (Table XIV)		0.3469	0.3466	0.3449	0.3409				0.3411
10 P_t	2699.2	2446.2	2225.2	2046.2	1982.2	2446.2	2225.2	2046.2	1982.2
11 $P_t^2/1000$	7274.9	5982.9	5176.5	4186.9	3179.8				3179.8
12 $F_c = L/H (F_c Q_m)^2 (1 - e^s)$	0.42271	0.42610	0.42564	0.42298	0.41662				0.41713
13 $F_c = F_t TZ$		7.9025	7.9162	7.967	8.0577				8.0996
14 $F_c Q_m$		5.749	8.344	11.345	14.242				14.225
15 $L/H (F_c Q_m)^2$		32.04	69.62	128.7	209.8				202.5
16 $F_w = L/H (F_c Q_m)^2 (1 - e^s)$		11.5	24.1	44.4	69.1				69.2
17 $P_w^2 = P_t^2 + F_w$		5995.4	5200.6	4231.3	3248.9				3248.5
18 $P_s^2 = e^s P_w^2$	1011.02	9180.7	2960.0	6455.9	4920.2				4920.4
19 P_s	3323.12	3030.0	2821.4	2541.4	2219.9				2220.1
20 $P = (\frac{P_t + P_s}{2})$	3215.12	2738.1	2548.2	2293.8	2000.2				2001.8
21 $P_t = (P/P_{ci})$	4.48	6.632	3.786	3.408	2.992				2.994
22 $T_g = (T/T_{ci})$	1.559	1.532	1.568	1.573	1.599				1.599
23 Z (Table XI)	.813	0.804	0.802	0.805	0.814				0.814

$$G_{\text{int}} = \frac{1}{2} \frac{1}{\omega} \frac{d}{dt} \left(\frac{1}{\omega} \frac{d}{dt} \right) \omega = \frac{1}{2} \frac{1}{\omega} \frac{d}{dt} \left(\frac{1}{\omega} \frac{d}{dt} \right) \omega$$

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$$15116024 \text{ } 5.0$$