

DATE _____

DATE 5-11-56

$$\frac{\% \text{H}_2\text{S}}{14.7}$$

Cal
E.
F.
G.

LINE	1	2	3	4					
1 Q_m	-	0.669	0.868	1.128	1.505				
2 T_w (W.H. °R)	52.3	53.6	53.9	54.1	54.2				
3 T_g (B.H. °R)	66.2	60.2	60.1	60.1	60.6				
4 $T = (\frac{T_w + T_g}{2})$	56.25	56.9	57.0	57.1	57.4				
5 Z (Est.)	1797.5	2792.5	2802	2783	2765				
6 TZ	448.59	454.347	450.140	449.399	450.67				
7 GH/TZ	11.3300	11.2359	11.1693	11.2302	11.2008				
8 e^s (Table XIV)	1.5323	1.5240	1.520	1.5311	1.5666				
9 $1-e^s$ (Table XIV)		0.3438	0.3421	0.3464	0.3109				
10 P_t	2611.2	2380.2	2130.2	1903.2	1747.2				
11 $P_t \cdot 2/1000$	6818.4	5932.4	4559.5	3165.6	2444.1				
12 F_t (Table XV) $0.03254 \frac{P_t}{T_w}$	0.12675	0.16135	0.11897	0.08801	0.08281				
13 $F_c = F_t \cdot TZ$		7.3479	7.393	7.269	8.0938				
14 $F_c Q_m$		4.9156	6.373	8.553	12.121				
15 $L/H (F_c Q_m)^2$		2.411	40.61	64.66	148.38				
16 $F_w = L/H (F_c Q_m)^2 (1-e^s)$		8.3	13.9	24.1	40.2				
17 $P_w^2 = P_t^2 + F_w$		5340.9	4853.7	3139.7	296.3				
18 $P_s^2 = e^s P_w^2$	16407.5	8139.2	6914.2	2885.7	1466.6				
19 P_s	3232.2	2858.9	2630.4	2200.9	1203.6				
20 $P = (\frac{P_t + P_s}{2})$	2921.7	2531.1	2380.3	1994.6	1096.4				
21 $P_t = (P/P_{cr})$	4.1144	3.661	3.376	2.829	1.543				
22 $T_r = (T/T_{cr})$	1.543	1.561	1.564	1.566	1.5665				
23 Z (Table XI)	6.7975	6.5935	6.802	6.727	6.8965				