

DATE 9-18-78

$$\frac{\% \text{H}_2\text{S}}{\text{N.I.}}$$

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LINE	51	1	2	3	4	51	1	2	3	4
1 Q_m	---	0.719	1.103	1.489	1.921	---	0.719	1.103	1.489	1.921
2 T_w (W.H. °R)	623	622	621	620	619					
3 T_s (B.H. °R)	517	518	520	522	525					
4 $T = (\frac{T_w + T_s}{2})$	570	570	570.5	571	572		570	570.5	571	572
5 Z (Est.)		.952	.920	.860	.800		.955	.915	.859	.798
6 T2	574.05	542.64	524.86	491.06	457.60		545.78	522.01	490.489	456.466
7 CH/T2	12.3008	13.542	14.000	14.964	16.052		13.464	14.077	14.982	16.039
8 e^S (Table XIV)	1.6161	1.6617	1.6905	1.7527	1.8261		1.6568	1.6954	1.7533	1.8289
9 $1 - e^S$ (Table XIV)		0.3922	0.4085	0.4295	0.4524		0.3964	0.4102	0.4298	0.4532
10 P_1	4894.2	4453.2	4065.2	3516.2	2823.2		4453.2	4065.2	3516.2	2822.2
11 $P_1 \cdot 2/1000$		19.875.5	16.525.9	12.363.7	7998.7		19.875.5	16.525.9	12.363.7	7999.7
12 $P_1 \cdot 2/1000 \cdot \frac{1}{Z}$	4800.3	5073.2	5250.2	5611.6	6021.9		5049.0	5273.9	5612.1	6037.0
13 $c = F_1 T2$		9.0719	8.7746	8.2095	7.650		9.1244	8.7270	8.2200	7.631
14 $F_c Q_m$		6.523	9.6234	12.224	14.696		6.560	9.626	12.210	14.659
15 $L/H (F_c Q_m)^2$		42.54	93.67	149.43	215.47		43.04	92.657	149.08	214.39
16 $F_w = L/H (F_c Q_m)^2 (1 - e^S)$		16.9	38.3	64.2	97.7		17.1	38.0	64.07	97.4
17 $P_w^2 = P_1^2 + F_w$		19892.4	16564.2	12427.9	8096.4		19892.6	16563.9	12427.77	8096.1
18 $P_s^2 = c^2 P_w^2$	32780	33055	28001.8	21782.4	14784.3		32958	22022.4	21795.8	14809.0
19 P_s	6223.2	5749.4	5291.7	4667.2	3845.1		5740.9	5299.3	4668.6	3848.0
20 $P = (\frac{P_1 + P_s}{2})$	5563.7	5103.8	4678.4	4091.7	3336.7		5099.6	4682.2	4092.4	3338.1
21 $P_1 = (P/P_{cr})$	3.279	2.595	6.962	6.089	4.965		7.589	6.968	6.090	4.967
22 $T_1 = (T/T_{cr})$	1.473	1.473	1.474	1.4755	1.473		1.473	1.474	1.4755	1.472
23 Z (Table XI)	1.007	0.9575	0.915	0.859	0.798		0.9572	0.915	0.859	0.798