

DATE 10-13-78

Range 25-E

%CO₂ 1.22 %N₂ 0.59 %H₂S Nil

P_{CI} 674.5 T_{CI} 37x
TABLE IX a x TABLE IX a x

LINE	1	2	3	4	5	6	7	8
1 Q_m	—	1.139	1.196	1.253	1.352			1.352
2 T_w (W.H. °R)	588	588	587	587	586			
3 T_s (B.H. °R)	504	522	526	529	532			
4 $T = (\frac{1}{T_w} + \frac{1}{T_s})$	546	555	556.5	558	560			560
5 Z (Est.)		.977	.970	.974	.973			.973
6 TZ	410.39	429.35	428.5	431.89	444.08			443.57
7 GH/TZ	11.369	10.923	10.894	10.808	10.612			10.525
8 e^s (Table XIV)	1.5316	1.5062	1.5046	1.4998	1.4932			1.4837
9 $1-e^s$ (Table XIV)		0.2361	0.3354	0.3332	0.258			0.3261
10 P_1	2.281.2	2.145.2	2.022.2	1.895.2	1.574.2			1.594.2
11 $P_1/2/1000$	52.034	46.01.88	40.59.29	36.03.2	23.41.5			23.41.5
12 F_1 (Table XV)	.413634	.40961	.40851	.40531	.39819			.39468
3 $F_c = F_1 TZ$		7.3615	7.381	7.440	7.6447			7.640
14 $F_c Q_m$		1.023	1.447	1.882	2.692			2.689
15 $L/H (F_c Q_m)^2$		1.049	2.093	3.513	7.25			7.25
16 $F_w = L/H (F_c Q_m)^2 (1-e^s)$		0.35	0.70	1.2	2.4			2.4
17 $P_w^2 = P_1^2 + F_w$		4602.23	4089.97	3604.4	2543.9			2543.9
18 $P_s^2 = e^s P_w^2$	79410.5	6931.9	6153.8	5405.9	3773.1			3774.9
19 P_s	7823.2	2632.8	2480.7	2325.0	1942.5			1942.9
20 $P = (\frac{P_1}{2} + \frac{P_s}{2})$	2545.7	2389.0	2251.4	2111.6	1768.3			1768.5
21 $P_1 = (P/P_{cr})$	3.774	3.542	3.338	3.131	2.622			2.622
22 $T_1 = (T/T_{cr})$	1.9677	1.492	1.496	1.500	1.505			1.505
23 Z (Table XI)	0.776	0.770	0.774	0.774	0.792			0.792