

C-122D
Adopted 9-1-65

DATE _____

Range

% H₂S

7

1

1 Q_m		0.0791	1.211	1.536	1.9229		0.991	1.211	1.536	1.9229
2 T_w (W.H. °R)	501	522	599	536	592					
3 T_s (B.H. °R)	577	576	575	570	574					
4 $T = (\frac{1}{T_w} + \frac{1}{T_s})$	538	549	552	555	558		543	552	555	
5 Z (Est.)	743	1770	1995	1990	1800		17715	1750	1791	
6 TZ	130.73	422.73	477.80	438.45	416.4		423.55	430.56	439.00	
7 GH/TZ	9.463	3.450	9.338	9.111	8.9482		9.431	9.298	9.079	
8 e^s (Table XIV)	1.4546	1.4253	1.4193	1.4093	1.3988		1.4243	1.4161	1.4069	
9 $1-e^s$ (Table XIV)		0.2286	0.2954	0.2894	0.2851		0.2299	0.2938	0.2891	
10 P_t	15.12	1513.5	1469.2	1398.2	1350.2		1513.2	1469.2	1398.2	
11 P_t 2/1000	2534.5	2289.8	2158.5	1955.0	1823.0		2289.8	2158.5	1955.0	
12 E_t (Table XV)	6.87195	.35437	.35019	.34166	.33558		.35268	.34992	.34123	
3 $F_c = F_t$ TZ		7.14934	7.2597	7.4603	7.596		7.2326	7.3266	7.4702	
14 $F_c Q_m$		6.9845	8.816	11.46	13.134		7.0223	8.8725	11.474	
15 $L/H (F_c Q_m)^2$		48.8	97.72	131.33	172.50		49.32	78.12	131.66	
16 $F_w = L/H (F_c Q_m)^2 (1-e^s)$		14.6	23.0	38.0	49.18		14.7	23.1	38.06	
17 $P_w^2 = P_t^2 + F_w$		2304.4	2181.5	1912.0	1872.2		2304.5	2181.6	1993.06	
18 $P_s^2 = e^s P_w^2$	3686.6	3281.4	3096.2	2804.7	2618.9		3282.3	3089.4	2803.6	
19 P_s	1420	1812.3	1757.6	1694.7	1618.3		1811.7	1759.7	1674.4	
20 $P = (\frac{P_t + P_s}{2})$	1050	1662.7	1614.4	1536.5	1484.2		1662.5	1612.4	1536.3	
21 $P_t = (P/P_{cr})$	2.4629	2.487	2.415	2.298	2.220		2.4487	2.413	2.298	
22 $T_t = (T/T_{cr})$	42.4	1.458	1.466	1.4474	1.4482		1.458	1.466	1.424	
23 Z (Table XI)	.43	.7715	.780	.791	.800		.7715	.780	.791	