WORK SHEET FOR CALCULATION OF [illegible] PRESSURES (P_c or P_w)

FROM KNOWN [illegible] PRESSURE (P_f or P_s)

Form C-122F
Adopted 9-1-65

COMPANY Sun LEASE [illegible] DATE 6-4-81

LOCATION: Unit _____ Section 26 [illegible] Range 22E

L 2956 H 2956 L/H 1 [illegible] .661 [illegible] .641 % N_2 5.207 % H_2S 0

GH 1977 P_{ct} 468 [illegible] 3.59

LINE		Rate 1 1	2	Rate 2 3	4	Rate 3 5	6	Rate 4 7	8	
1	T_w(W.H. °R)	522	522	522	523	525	525	526	525	
2	T_s(B.H. °R)	554	554	554	554	554	554	554	554	
3	$T=(\frac{T_w+T_s}{2})$	538	538	538	538	538	538	538	538	
4	Z (Est.)	.861	.873	.871	.875	.879	.879	.881	.885	.876 .870
5	TZ	463.518	469.674	468.598	470.75	473.202	473.202	473.978	476.13	
6	GH/TZ	4.2681	4.2093	4.2189	4.1997	4.1797	4.1804	4.1731	4.1522	
7	e^S(Table XIV)	1.1718	1.1709	1.1714	1.1705	1.1706	1.1697	1.1699	1.1685	
8	P_f or P_s	946.2	946.2	925.2	925.2	895.2	895.2	845.2	845.2	970
9	P_f^2 or P_s^2	895.29	895.29	855.99	855.99	797.81	797.81	714.31	714.31	
10	$P_c^2 = P_f^2 e^S$ or $P_w^2 = P_s^2 e^S$	764.01	764.56	730.74	731.24	681.56	682.11	611.36	611.36	
11	P_c or P_w	874.07	874.32	854.83	855.14	825.51	825.86	781.68	781.89	
12	$P=(\frac{P_w+P_s}{2})$ or $(\frac{P_c+P_f}{2})$	910.14	910.30	890.02	890.17	859.38	859.53	813.41	813.55	
13	$P_r=(P/P_{ct})$	1.34	1.34	1.31	1.31	1.26	1.26	1.17	1.19	1.3
14	$T_r=(T/T_{ct})$	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
15	Z (Table XI)	.873	.873	.875	.875	.879	.879	.881	.885	