

FLUOR KLINE No. 2

NO = 44662

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-122-E
Adopted 9-1-65

COMPANY AT-D LEASE NEITH WILLIAM DEEP UNIT WELL NO. 2 DATE 4-22-66

LOCATION: Unit F Section 5 Township 21-S Range 35-E

L 11.253 H 11.253 L/H 1.00 G .648 % CO₂ .24 % N₂ .39 % H₂S .5100 CF
 $\bar{I}_0 = 5.24$ d 1995 F_r 0.0331 Q_m 20.949 M₂ cfd (L/H) (F_r Q_m)² P_{cf} 670 T_{cf} 373
 $\bar{I}_0 = 5.76$ = 6.38 331.401 TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11.253	56.34.5			0					
2	GH		7.292	36.46			0					
3	37.5GH		373.458	136.725			0					
4	P _c or P _n		5939	5332	5317	5318 ^{0.6}	46.96	46.61	46.62 ^{0.6}			
5	P _r		8.86	2.96	2.94	1.94	7.01	6.96	6.96			
6	T		6.28	5.76	5.76	5.76	5.24	5.24	5.24			
7	T _r		16.8	1.54	1.54	1.54	1.40	1.40	1.40			
8	Z		1.664	.992	.991	.991	.903	.899	.899			
9	P/Z P/Z	4.8	5531.8	5375.0	5365.3	5366.3	5360.4	5184.6	5185.8			
10	P/TZ	9.6	5.858	9.331	9.314	9.316	9.224	9.894	9.896			
11	(P/TZ) ² /1000	(10) 2/1000										
12	L/H(F _r Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ - I ₃	112.511	117.16.0	107.76.5	107.34.2	100.76.5	116.671	116.050			
15	M = P _n - P _{n-1}		1.17	6.28	6.21	6.21	6.22	6.57	6.56			
16	N = I _n + I _{n-1}		218.660	219.676	219.853	209.167	208.415	208.392				
17	M x N	15 x 16										
18	Σ (M x N)	Σ 17	273.450									