

Form C-122E
Adopted 9-1-65

P. 6. 21. 8

LOCATION: Unit 69 Section 22 Township 12 Range 32

$$\frac{1.995}{F_1} \frac{Q_m}{Q_m} \frac{P}{M^2 c f d} \frac{(L/H) (F_1 Q_m)^2}{P_{cr}} \frac{T_{cr}}{TABLE IX \& X}$$

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		22110	27200			0					
2	GH		6609	10000			0					
3	37.5GH		10000	175000			0					
4	P _c or P _n		2194.5	1066.1	1870.7	1872.2	1870.7	2591.2				
5	P _r		3.25	2.84	2.60	2.96	2.85	2.85				
6	T		628	420.4	504	504	630	530				
7	T _r		1.57	1.22	1.26	1.26	1.22	1.23				
8	Z		.806	.610	.640	.641	.659	.679				
9	P/Z		2.647.6	2000.4	2906.6	2900.2	2216.2	2210.0				
10	P/TZ		2.0055	5.1257	6.1026	5.6000	6.0060	4.2022				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F ₁ O _m) ²											
13		I ₁ + I ₂	.010981	.006605	.026006	.028009	.012813	.010007				
14	I _n	I ₀ +I ₃	22110	20000	1066.09	1872.2	2591.2	2210.0				
15	M=P _n -P _n ⁻¹		K	2.06.2	2.66.6	3.00.1	2.80.5	3.01.0				
16	N=I _n +I _n -1			200.007	200.007	220.000	220.000	220.000				
17	M x N	15 x 16				130.11		120.026				
18	Σ(M x N)	Σ17	2559.467			120.000						

2(37.5) (.735) (9400)
977, 286,000
61% One copy to be filed in District Office (Work copy acceptable)