

FLUO RATE NO. 3

100 = 42725

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 13-11 LEASE NEPWA 115121 DEEP WELL NO. 23 DATE 4-22-66

LOCATION: Unit F Section 5 Township 31-S Range 35-E

L 11.253 H 11.253 L/H 1.00 G .648 % CO₂ .25 % N₂ .37 % H₂S .51
 $T_b = 5.22$ d 6.995 F_t 41831 Q_m 45.511 M² ctd (L/H) (F_t Q_m)² _____ P_{cr} 6.78 T_{cr} 373
 $T_{H_2} = 5.75$ $T_c = 6.28$ TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11.253	5626.5		0						
2	GH		729.2	3646		0						
3	37.5GH		273.450	136.725		0						
4	P _c or P _n	34P BANDP	5510	4926	4911 ^{OK}	4313	4278 ^{OK}					
5	P _f		8.22	76.35	7.35	6.44	6.39					
6	T		6.26	5.75	5.75	5.22	5.22					
7	T _f		16.8	1.54	1.54	1.40	1.40					
8	Z		16.21	.952	.952	.860	.856					
9	P/2 P/2		5.376.4	5174.4	51.586	5115.1	4997.7					
10	P/TZ	9÷6	8.551	8.998	8.971	9.667	9.574					
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _t Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ + I ₃	116.945	111.155	111.470	104.090	104.449					
15	M = P _n - P _{n-1}		.584	.599	.598	.633						
16	N = I _n + I _{n-1}		228.680	229.415	215.560	215.919						
17	M x N	I ₅ x I ₆		136.821								
18	Σ (M x N)	Σ I ₇	273.456		136.629							