

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) ~~(P_f & P_s)~~Form C-123-E
Adopted 9-1-65COMPANY Gulf Oil Explor. & Prod. Co. Loving Fed. Com. WELL NO. 1 DATE 3-2-83LOCATION: Unit F Section 4 Township 23S Range 28EL 11386 H 11386 L/H 1.000 G .5775 % CO₂ .575 % N₂ .785 % H₂Sd 1.995 F_r .01823 Q_m 7.380 M²cfd (L/H) (F_rQ_m)² .018102 P_{CT} 672 T_{CT} 350

TABLE 1A & B

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5693		11386						
2	GH		0	3287.7		6575.4						
3	37.5GH		0	123,289		246,578						
4	P _e or P _n		3813.2	4466.6	4455.6	5097.6	5097.6			Ps-5078.0		
5	P _r		5.67	6.65	6.63	7.59	7.56					
6	T		534	591	591	648	648					
7	T _r		1.53	1.69	1.69	1.85	1.85					
8	Z		.844	.947	.946	1.029	1.027					
9	P/Z P/Z	4÷8	4518.0	4716.6	4710.0	4953.9	4946.0					
10	P/TZ	9÷6	8.4607	7.9808	7.9695	7.6449	7.6328					
11	(P/TZ) ² /1000	(10) 2/1000	.071583	.063692	.063513	.058445	.058445					
12	L/H(F _r Q _m) ²		.018102	.018102	.018102	.018102	.018102					
13		11+12	.089685	.081794	.081615	.076547	.076361					
14	I _n	10+13	94.338	97.571	97.647	99.872	99.956					
15	M=P _n -P _{n-1}			653	642	642	624					
16	N=I _n +I _{n-1}			191.909	191.985	197.519	197.604					
17	M x N	15x16			123338		123293					
18	Σ (M x N)	Σ 17			123240							