

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_1 & P_2)
~~XXXXXXXX~~Form C-122-E
Adopted 9-1-65COMPANY Gulf Oil Explor. & prod. Lease 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 % H₂S d1.995 F, 018230_m 3.753 M²cfd (L/H) (F_rQ_m)² .004681 P_{cr} 672 T_{cr} 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 _c or P _n		4263.2	4888.2	4851.4	4536.5	5390.2					
5	P _r		6.34	7.27	7.22	8.09	8.02			Ps-5380.7		
6	T		534	591	591	648	648					
7	T _r		1.53	1.69	1.69	1.85	1.85					
8	Z		.827	.978	.976	1.051	1.048					
9	P/Z P/Z	4+8	5155.0	4998.1	4970.7	5172.7	5143.3					
10	P/TZ	9+6	9.6536	8.4571	8.4106	7.9826	7.9372					
11	(P/TZ) ² /1000	10+2/1000	.093192	.071522	.070738	.063722	.063000					
12	L/H(F _r Q _m) ²		.004681	.004681	.004681	.004681	.004681					
13		11+12	.097873	.076203	.075419	.068403	.067681					
14	I _n	10+13	98.634	110.981	111.518	116.699	117.274					
15	M=P _n -P _{n-1}			625	588	585	539					
16	N=I _n +I _{n-1}			209.615	210.152	228.218	228.793					
17	M x N	15x16			123605		123283					
18	Σ(M x N)	Σ17			122973							