

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P₁ & P₂)

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

Rate No. 3

COMPANY Gulf Oil Corporation LEASE Leg. "ED" State WELL NO. # 2 DATE 8/10/73

LOCATION: Unit K Section 16 Township 19 Range 24

L. 7602 H. 7602 L/H 1.000 G mix .827 % CO₂ % N₂ % H₂S

d 1.995 F₁ 0.182310_m 2.355 M₂ 6.6 (L/H) (F₁O_m)² .001843 P_{CT} 665 T_{CT} 1.34

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	3801		7602						
2	GH		0	3143.4		6286.9						
3	37.56GH		0	117879		235757						
4	P ₁ or P _n		2370.2	2816.7	2791.6	3210.4	3174.3			Ps=	3168.4	
5	P ₁		3.56	4.24	4.20	4.83	4.77					
6	T		534	600	600	666	666					
7	T ₁		1.23	1.38	1.38	1.53	1.53					
8	Z		.606	.724	.722	.803	.801					
9	P/72 P/Z		3911.2	3890.5	3866.5	3998.1	3962.9					
10	P/TZ		7.3244	6.4842	6.4441	6.0031	5.9504					
11	(P/TZ) ² /1000	(10) ² /1000	.053647	.042045	.041526	.036037	.035407					
12	L/H(F ₁ O _m) ²		.001843	.001843	.001843	.001843	.001843					
13			.055490	.043888	.043369	.037830	.037250					
14	I _n		131.996	147.745	148.586	158.476	159.742					
15	M=P _n -P _{n-1}			44.7	4.21	4.19	383					
16	N=I _n +I _{n-1}			279.741	280.582	307.062	308.328					
17	M x N	15 x 16			118233		118008					
18	Σ (M x N)	Σ 17			117524							