

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_o & P_{ax})

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

Rate No. 4

COMPANY Gulf Oil Corporation LEASE Ica "ED" State WELL NO. # 2 DATE 8/10/78

LOCATION: Unit K Section 16 Township 19 Range 34

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

d 1.995 F_i .01823 Q_m 3.484 M² ct (I/H) (F_i Q_m)² .004034 P_{CT} 665 T_{CT} 434

TABLE IX & X 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	37.5GH		0	117879		235757						
4	P _o or P _m		1643.2	1999.8	1985.1	2325.1	2307.2					
5	P _i		2.47	3.01	2.99	3.50	3.47					
6	P		534	600	600	666	666					
7	P _i		1.23	1.38	1.38	1.53	1.53					
8	P		.582	.707	.707	.771	.771					
9	P/Z P/Z	4.8	2823.4	2328.6	2807.7	3015.7	2992.4					
10	P/TZ	9.6	5.2872	4.7143	4.6795	4.5281	4.4931					
11	(P/TZ) ² /1000 (10) ² /1000		.027955	.022224	.021898	.020503	.020188					
12	L/H(F _i Q _m) ²		.004034	.004034	.004034	.004034	.004034					
13		I ₁ + I ₂	.031989	.026253	.025932	.024537	.024232					
14	I _n	I ₀ - I ₃	165.284	179.534	180.454	134.538	185.496					
15	M = P _n - P _{n-1}			357	342	340	322					
16	N = I _n + I _{n-1}			344.818	345.738	364.992	365.950					
17	M x N	15 x 16			118193							
18	Σ (M x N)	Σ 17			117564							

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AUG 17 1978

CH. CONSERVATION COMM.
HOBBS, N. M.