

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_g)
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-65

COMPANY S. L. LEASE Madison ST. 27 WELL NO. 1 DATE 6-17-86

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 12,758 H 12,758 L/H 1.00 G/M/L .756 % CO₂ _____ % N₂ _____ % H₂S _____
d 2,440 F_r .010507 Q_m 2.186 M₂cid (L/H) (F_rQ_m)² .000528 P_{cr} 667 T_{cr} 408
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6399		12798						
2	GH		0	4838		9679						
3	37.5GH		0	181412		362823						
4	P _c or P _n		535.2	6246.8	6217.4	7118.7	7068.2					
5	P _r		7.97	9.37	9.32	10.67	10.60					
6	T		534	600	600.	667	667					
7	T _r		1.31	1.47	1.47	1.63	1.63					
8	Z		.974	1.086	1.082	1.174	1.169					
9	P/Z		5457.0	5752.1	5796.2	6063.6	6041.7					
10	P/TZ		10.23	9.59	9.58	9.09	9.06					
11	(P/TZ) ² /1000	(10 ² /1000)	.104433	.091909	.091719	.082644	.082047					
12	L/H(F _r Q _m) ²		.000528	.000528	.000528	.000528	.000528					
13		I ₁ + I ₂	.104961	.093437	.092247	.083172	.082575					
14	I _n	I ₀ - I ₃	97362	103713	103.819	109.302	109.694					
15	M = P _n - P _{n-1}		931	902	901	851						
16	N = I _n + I _{n-1}		201.1	201.1	213.1	213.5						
17	M x N	I ₅ x I ₆			18507	181648						
18	Σ (M x N)	Σ I ₇			181315							