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

Form C-122E
Adopted 9-1-65

COMPANY _____ LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L _____ H _____ L/H _____ G .794 % CO_2 _____ % N_2 _____ % H_2S _____

d _____ F_f _____ Q_m 1.558 M^2cfd $(L/H)(F_rQ_m)^2$ .0002281 P_{cr} _____ (TABLE IX & X) T_{cr} _____ (TABLE IX & X)

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6783		13561						
2	GH		0	5813		11623						
3	37.5GH		0	217972		435744						
4	P_c or P_n		3588.2	4770.0	4667.6	5745.2	5713.0	5681.7	5679.5			
5	P_r		5.44	7.24	7.05	8.72	8.67	8.62	8.62			
6	T		534	613	613	692	692	692	692			
7	T_r		1.07	1.26	1.26	1.42	1.42	1.42	1.42			
8	Z		.771	.897	.897	1.038	1.035	1.031	1.031			
9	P/Z	$\overline{4}\div\overline{8}$	4976.6	5207.5	5203.5	5534.7	5517.1	5510.2	5514.1			
10	P/TZ	$\overline{9}\div\overline{6}$	9.3146	8.4951	8.4587	7.9983	7.9766	7.9637	7.9654			
11	$(P/TZ)^2/1000$	$(\overline{10})^2/1000$	.086856	.072167	.072058	.063973	.063625	.063428	.063496			
12	$L/H(F_rQ_m)^2$		.000251	.000281	.000281	.000281	.000281	.000281	.000281			
13		$\overline{11}+\overline{12}$	.087137	.072448	.072339	.064254	.063906	.063702	.063777			
14	I_n	$\overline{10}\div\overline{13}$	106.954	117.278	117.346	124.477	124.813	125.015	124.942			
15	$M=P_n-P_{n-1}$			1082	1077	1079	1045	1014	1012			
16	$N=I_n+I_{n-1}$			224.232	234.624	234.614	241.823	241.291	249.829			
17	M x N	$\overline{15}\times\overline{16}$			252722				252827			
18	$\sum(M\times N)$	$\sum\overline{17}$			252722				505549			

One copy to be filed in District Office (Work copy acceptable)