

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

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

COMPANY LEAVITT CORP LEASE WELL NO. 1 DATE 5-26-76

LOCATION: Unit F Section 13 Township 18S Range 26E

L 001 H 0021 L/H 1.00 G .660 %CO₂ .172 %N₂ 1.398 %H₂S —

4.995 P_f 0.0066 1.00 M_{2nd} (L/H) (F_{Q_m})² .000517 P_c 669 T_{cr} 372
4.000

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	4615.5		0021			ΔP =			
2	GH		0	235		0021			ΔP =	3(226.021)		
3	37.5GH		0	110062		0021			218.146.14	1115.592	11213.606	
4	P _c or P _n		1838.2	210.2	213.17	2314.2	2371.2		ΔP =	500.0		
5	P _f		279	3.17	3.17	3.55	2.05					
6	T		548	583	583	618	618		T ₂ =	1868.16	1115.592	
7	T _f		1.47	1.57	1.57	1.66	1.66					
8	Z		764	1208	1808	1812	1812					
9	P/2 P/Z	4-8	2445.1	2474.0	2493.2	2491.1	2873.3					
10	P/TZ	9-6	4.4627	4.6008	4.5927	4.6008	4.5927					
11	(P/TZ) ² /1000	(10) 2/1000	.01991	.02057	.02057	.02057	.02057					
12	L/H(F _f Q _m) ²		.000517	.000517	.000517	.000517	.000517					
13		I ₁ + I ₂	.010471	.010574	.010574	.010574	.010574					
14	I _n	I ₀ ÷ I ₃	218.444	216.653	216.558	213.865	213.606					
15	M = P _n - P _{n-1}			252	253	256	256					
16	N = I _n + I _{n-1}			438.004	438.004	438.422	438.422					
17	M × N	15 × 16		110.052	110.052	110.172	110.172					
18	Σ (M × N)	Σ 17					220178					