

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 Amstar LEASE WELL NO. DATE 1-22-66

LOCATION: Unit Section Township Range

L H 10771 L/H G % CO₂ % N₂ % H₂S

d F_r Q_m 0 M₂ c/d (L/H) (F_r Q_m)² 0 P_{cr} 6000 T_{cr} 220

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10771	4982.8			0					
2	GII		6982.8	2491.4			0					
3	37.5CHI		261854	130928			0					
4	P _c of P _n		3862.2	2429.2	3422.2	3423.2	2984.6	2943.2	2754.2		260.491	
5	P _r		5.74	5.11	5.03	5.09	4.43	4.37	4.28			
6	T		650	588	588	578	526	525	525			
7	T _r		1.73	1.57	1.57	1.57	1.40	1.40	1.45			
8	Z		.916	.840	.838	.829	.731	.707	.707			
9	P/Z P/Z	4-8	4216.4	4696.9	4082.8	4080.1	4382.4	4640.4	444.4			
10	P/TZ	9-6	6.4867	6.4502	6.9452	6.9389	7.7611	7.6785	7.6823			
11	(P/TZ) 2/1000	(10) 2/1000										
12	L/H(F _r Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ ÷ I ₃	154.162	143.699	143.784	144.115	128.848	130.085	120.152			
15	M = P _n - P _{n-1}			425	440	469	429	480	457			
16	N = I _n + I _{n-1}			298.661	298.146	298.222	299.968	296.490	299.429			
17	M x N	15 x 16				120.944			120.625			
18	Σ (M x N)	Σ I ₇	26.1854			120.912						

10/10/66

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