

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 MLK, 756 % CO₂ _____ % N₂ _____ % H₂S _____

d 2.440 F_i 1.00507 Q_m 1.613 M₂cid (L/H) (F_iQ_m)² .000287 P_{cr} 6607 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		12758						
2	GH		0	4838		9679						
3	37.5GH		0	181412		362823						
4	P _c or P _n		6313.2	7286.1	7359.9	8205.7	8154.1	8153.0				
5	P _r		9.44	10.92	10.88	13.30	13.23					
6	T		534	600	600	667	667					
7	T _r		1.31	1.47	1.47	1.63	1.63					
8	Z		1.105	1.198	1.195	1.287	1.281					
9	P/Z	4-8	5713.3	6081.9	6075.3	6375.8	6365.4					
10	P/TZ	9-6	10.70	10.14	10.13	9.56	9.54					
11	(P/TZ) ² /1000	(10 ² /1000)	.11470	.102748	.102525	.091314	.091016					
12	L/(H(F _i Q _m) ²)		.000287	.000287	.000287	.000287	.000287					
13		I ₁ + I ₂	.114757	.103035	.102812	.091661	.091363					
14	I _n	I ₀ = I ₃	9.332	98.379	98.485	104.286	104.455					
15	M = P _n - P _{n-1}		972	947	946	894						
16	N = I _n + I _{n-1}		191.6	191.7	203.8	202.9						
17	I ₁ x N	I ₅ x I ₆			181512	181461						
18	Σ (M x N)	Σ I ₇			181310							

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