

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 11111111 LEASE 11111111 WELL NO. 1 DATE 3-28-75

LOCATION: Unit 1 Section 1 Township 1 Range 1

L H L/H G % CO₂ 0 % N₂ 0 % H₂S 0

d F_i Q_m M²cf/d (L/H) (F_iQ_m)² P_{cr} T_{cr}

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11659	5929.5								
2	GH		8119.9	4059.9								
3	37.5GH		304495	152247								
4	P _c or P _n		1126.2	995.2	996.2	825.2	829.2	826.2		913484		
5	P _i		1.69	1.46	1.46	1.24	1.24	1.24		3048.758		= 299.6
6	T		635	594.5	594.5	514	514	514				
7	T _r		1.66	1.50	1.50	1.35	1.35	1.35				
8	Z		.895	.863	.863	.824	.824	.824				
9	P/Z P/Z	4/8	1258.3	1130.0	1131.2	1001.5	1003.9	1002.7		1126.2	299.6	= 826.6
10	P/TZ	9/6	1.9816	1.9669	1.9690	1.9484	1.9531	1.9507				
11	(P/TZ) ² /1000	(10/2/1000)										
12	L/H(F _i Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ ÷ I ₃	504.643	508.414	507.881	513.252	512.012	512.631				
15	M = P _n - P _{n-1}		151	150	150	151	149	150				
16	N = I _n + I _{n-1}		1013.057	1012.524	1012.524	1021.133	1019.893	1020.512				
17	M x N	I ₅ x I ₆			151879			153077				
18	Σ (M x N)	Σ I ₇	304495		152616							

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BUREAU OF ECONOMIC ANALYSIS
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