

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_t & P_s)
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-65

COMPANY Mauzano Oil Corp. LEASE Apple MF

DATE 4-22-86

WELL NO. 1

LOCATION: Unit C Section 12 Township 17S Range 35E

L 12,935 H 12,935 LH 1,000 G 1,118 % CO₂ _____ % N₂ _____ % H₂S _____

d 1,995 F_r _____ Q_m _____ M²-cfd (L/H) (F_rQ_m)² _____ P_{CT} 651 T_{CT} 530

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12,935	6468		0						
2	GH		14,461	7231		0						
3	37.SGH		592,300	271,150		0						
4	P _c or P _n		4166.8	3143.9	3120.9	2076.3	2007.5	1985.9	P _w =	2001.0		
5	P _r		6.40	4.83	4.79	3.19	3.08	3.05				
6	T		663	599	599	534	534	534				
7	T _r		833	1.13	1.13	1.01	1.01	1.01				
8	Z		1.252	1.665	1.661	1.431	1.419	1.413				
9	P/Z	4-8	5002.2	4757.7	4731.4	487.4	4791.3	4803.5				
10	P/TZ	9-6	7.54	7.89	7.88	9.02	8.97	8.99				
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	132,543	126,700	126,868	110,848	111,453	111,168				
15	M = P _n - P _{n-1}			1033	1045	1045	1113	1137				
16	N = I _n + I _{n-1}			259	259	243	238	238				
17	M x N	I ₅ x I ₆			271,326			270,650				
18	Σ (M x N)	Σ I ₇			270,974							