

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 LAND OIL LEASE PROPERTY WELL NO. 1 DATE 5-25-76

LOCATION: Unit F Section 13 Township 18S Range 26

Oil H Oil 1/H 1.00 G 650 % CO₂ .172 % N₂ 1.398 % H₂S ---

4.10 P 2066 --- --- M2H (L/H) (P_{Qm})² --- P_{cr} 660 T_{cr} ---

TABLE IX A-2

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	P _i			4115.5		5031			ΔP = 3122013.1			
2	GH			2925		58014						
3	37.5GH					22013.1			177.112.1 (178.477) + 1797			
4	P ₁ or P ₀			7594.2	2592.7	2902.2	2900.2		ΔP = 616.8			
5	P ₁			3.41	3.88	3.81	4.34	4.34				
6	T			1.45	1.75	581.9	618	618	P = 2083.2	616.8		
7	T _r			1.16	1.56	1.56	1.66	1.66				
8	T			1.45	1.75	581.9	618	618	P _s = 2900			
9	P/2P/2			7084.2	2407.8	2411.2	2416.4	2424.1				
10	P/T ²			5.2834	5.5766	5.5127	5.5443	5.5406				
11	(P/T ²) ² /1000	(10) ² /1000		1.0410	1.0313	1.03014	1.03087	1.03083				
12	L/H(F _{Qm}) ²			1.0013	1.0013	1.0013	1.0013	1.0013				
13				1.0013	1.0013	1.0013	1.0013	1.0013				
14	I _n			174.045	176.477	179.608	179.714					
15	M=P _n -P _{n-1}			211	2020	210	208					
16	N=I _n +I _{n-1}			2000.4	2790.175	27810						
17	M x N			109100								
18	Σ(M x N)	Σ17					220200					