

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-132E
Adopted 9-1-55

2-4

COMPANY _____ LEASE State Q WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L _____ H _____ L/H _____ G _____ % CO₂ _____ % N₂ _____ % H₂S _____

D _____ F_r _____ Q_m _____ M₂cid (L/H) (F_rQ_m)² _____ P_{cr} TABLE IX & X T_{cr} TABLE IX & X

ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1 H		10999	5500		0			3 (248302)			
2 GH		6621	3311		0						
3 37.5GH		248302	124163		0			524.141 + 41 (509.38) + 493.33			
4 P _c or P _n		1146.76	1031.34	1029.54	909.54	905.44		ΔP = 243.8			
5 P _r		1.7	1.53	1.52	1.35	1.34					
6 T		644	584	584	520	520		P ₀ = 1149.76 - 243.83 = 905.9			
7 T _r		1.82	1.64	1.64	1.46	1.46					
8 Z		.93	.898	.898	.858	.859					
9 P/Z	4÷8	1236.5	1148.07	1146.18	1055.07	1054.06					
P/TZ	9÷6	196.7877	198.6585	196.3151	2.038576	2.027104					
11 (P/TZ) 2/1000	(10) 2/1000										
12 L/H(F _r Q _m) ²											
13	11 + 12										
14 I _n	10÷13	524.141	508.54	509.38	490.53	493.33					
15 M=P _n -P _{n-1}			118.42	120.22	120	124.1					
16 N=I _n +I _{n-1}			1032.64	1033.5	999.91	1002.71					
17 M x N	15 x 16										
18 Σ (M x N)	Σ 17	248302		124052		248488					

RECEIVED

JUL 15 1976

G.B.C.
ARTERIAL, GIFFORD