

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

Form C-122E
Adopted 9-1-65

2-2

COMPANY _____ LEASE S. 41/4 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	10000	5500		0				3(2480.8)		
2	GH	6621	3311		0			AP =			
3	37.5GH	248302	124163		0			370.13	4-4(386.77)+460.4		
4	P _c or P _n	1480.8	1325.8	1322.9	1165.34	1158.6	1159.0	AP = 320.7			
5	P _r	2.19	1.96	1.96	1.72	1.71	1.71				
6	T	648	584	584	520	520	520	P _w =	1480.8	-320.7 = 1159.9	
7	T _r	1.82	1.64	1.64	1.46	1.46	1.46				
8	Z	.915	.876	.876	.825	.825	.825				
9	P/Z	1618.36	1513.47	1510.16	1412.52	1404.34	1406.85				
10	P/TZ	9-6	2.45747	2.571558	2.58589	2.71644	2.700699				
11	(P/TZ) 2/1000	(10) 2/1000									
12	L/H(F _r Q _m) ²										
13		11 + 12									
14	I _n	400.4	385.81	384.71	368.13	370.27	370.15				
15	M = P _n - P _{n-1}		155	157.9	157.56	164.3	163.9				
16	N = I _n + I _{n-1}		786.27	787.11	754.84	756.98	756.86				
17	M x N	15 x 16		124285			124049				
18	Σ (M x N)	Σ 17	248302		124017						

RECEIVED

JUL 15 1976

D. C. G.

ARTERIAL OFFICE