

FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (P_s & P_w)

COMPANY : COLLINS & WARE INC LEASE : S DRAW WELL NO. : 1 DATE : 4 22 92

UNIT : 0 SECTION : 4 TOWNSHIP : 22 RANGE : 26

L : 10280 H : 10280 L/H : 1.0 G/GMIX : 0.622

CO2 : 0.54 N2 : 0.62 H2S : 0

d : 1.995 Fr : 0.018231 Qm : 0.000 (L/H) (FrQm) 0.000000

PCR : 671 TCR : 365

LINE	ITEM	SOURCE	1	2	3	4	5	6
1	H		10280	5140		0		
2	GH		6394.16	3197.08		0		DELTA P = 739.1
3	'37.5GH		239781	119891		0		Pw = 2636.6
4	Pc or Pn		3375.8	3021.6	3014.3	2653.5	2633.9	2635.1
5	Pr		5.06	4.50	4.49	3.95	3.93	3.93
6	T		636.8	585.4	585.4	534	534	534
7	Tr		1.74	1.60	1.60	1.46	1.46	1.46
8	Z		0.903	0.838	0.838	0.756	0.756	0.756
9	P/ZP/Z	4/8	3762.3	3605.4	3597.9	3508.7	3485.8	3487.2
10	P/TZ	9/6	5.9082	6.1589	6.1460	6.5706	6.5277	6.5304
11	Ln10*2/1000!(10)2/100!!							
12	L/H(FrQm)2							
13		11+12						
14	In	10/13	169.256	162.366	162.708	152.193	153.193	153.131
15	M=Pn-Pn-1			354	362	361	380	379
16	N=In+In-1			331.622	331.964	314.901	315.901	315.839
17	M x N	15x16			120014			119743
18	SUM(MxN)	SUM17	239781		119767			