

FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (P_e & 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 : 0.62

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 = 586.0
3	'37.5GH		239781	119891		0			
4	Pc or Pn		2641.3	2357.8	2353.2	2065.7	2053.5	2054.4	Pw = 2055.4
5	Pr		3.95	3.51	3.51	3.08	3.06	3.06	
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		0.880	0.825	0.825	0.752	0.752	0.753	
9	P/ZP/Z	4/8	3012.0	2859.2	2853.7	2745.9	2729.7	2729.9	
10	P/TZ	9/6	4.7300	4.8841	4.8747	5.1422	5.1119	5.1121	
11	Ln10*2/1000	(10)2/100							
12	L/H(FrQm)2								
13		11+12							
14	In	10/13	211.418	204.744	205.140	194.469	195.624	195.614	
15	M=Pn-Pn-1			284	288	288	300	299	
16	N=In+In-1			416.163	416.559	399.609	400.764	400.755	
17	M x N	15x16			120005			119774	
18	SUM(MxN)	SUM17	239781		119776				