

FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (Pf ~~1-P37~~)

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 : 1.487 (L/H)(FrQm)0.000735

PCR : 671 TCR : 365

LINE	ITEM	SOURCE	1	2	3	4	5
1	H		0	5140		10280	
2	GH		0	3197.08		6394.16	DELTA P = 602.1
3	'37.5GH		0	119891		239781	Ps = 2641.3
4	Pc or Pn		2039.2	2351.9	2346.0	2652.0	2652.0
5	Pr		3.04	3.51	3.50	3.95	3.95
6	T		534	585.4	585.4	636.8	636.8
7	Tr		1.46	1.60	1.60	1.74	1.74
8	Z		0.753	0.825	0.825	0.880	0.880
9	P/ZP/Z	4/8	2708.3	2852.0	2844.8	3012.0	3012.0
10	P/TZ	9/6	5.0716	4.8719	4.8597	4.7300	4.7300
11	Ln10*2/1000	(10)2/100	0.02572	0.02374	0.02362	0.02237	0.02237
12	L/H(FrQm)2		0.000735	0.000735	0.000735	0.000735	0.000735
13		11+12	0.026456	0.024471	0.024351	0.023107	0.023107
14	In	10/13	191.698	199.093	199.566	204.694	204.694
15	M=Pn-Pn-1			313	307	306	296
16	N=In+In-1			390.791	391.263	404.260	404.260
17	M x N	15x16			120036		119745
18	SUM(MxN)	SUM17			120036		239781