

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

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 : 1.011 (L/H)(FrQm)0.000340

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 = 702.7
3	37.5GH		0	119891		239781	Ps = 3157.9
4	Pc or Pn		2455.2	2825.4	2815.8	3175.2	3175.2
5	Pr		3.66	4.21	4.20	4.73	4.73
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		0.751	0.832	0.831	0.894	0.894
9	P/ZP/Z	4/8	3268.3	3397.7	3387.3	3551.8	3551.8
10	P/TZ	9/6	6.1203	5.8041	5.7862	5.5775	5.5775
11	Ln10^2/1000	(10)2/100	0.03746	0.03369	0.03348	0.03111	0.03111
12	L/H(FrQm)2		0.000340	0.000340	0.000340	0.000340	0.000340
13		11+12	0.037798	0.034028	0.033820	0.031449	0.031449
14	In	10/13	161.921	170.571	171.088	177.354	177.354
15	M=Pn-Pn-1			370	361	359	344
16	N=In-In-1			332.492	333.009	348.442	348.442
17	M x N	15x16			120077		119704
18	SUM(MxN)	SUM17			120077		239781