3Rd Rate back to Surface
Pw

FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (Pc & Pw)

COMPANY : PACIFIC ENTERPRISES LEASE : PEOC 21 WELL NO. : FED COM 1 DATE : 1 4 91

UNIT : 0 SECTION : 21 TOWNSHIP : 23 RANGE : 26

L : 10140 H : 10140 L/H : 1.0 G/GMIX : 0.650

CO2 : 0.5 N2 : 0.52 H2S : 0

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

PCR : 670 TCR : 375

LINE	ITEM	SOURCE	1	2	3	4	5	6
1	H		10140	5070		0		
2	GH		6591	3295.50		0		DELTA P = 1033.6
3	`37.5GH		247163	123581		0		
								Pw = 3948.3
4	Pc or Pn		4981.6	4490.4	4478.1	3975.2	3945.5	3946.5
5	Pr		7.46	6.70	6.68	5.93	5.89	5.89
6	T		635.4	584.7	584.7	534	534	534
7	Tr		1.69	1.56	1.56	1.42	1.42	1.42
8	Z		0.989	0.919	0.918	0.834	0.831	0.831
9	P/ZP/Z	4/8	5053.7	4888.3	4880.4	4767.2	4748.0	4748.7
10	P/TZ	9/6	7.9536	8.3603	8.3469	8.9274	8.8915	8.8927
11	Ln10^2/1000	(10)2/100						
12	L/H(FrQm)2							
13		11+12						
14	In	10/13	125.729	119.613	119.805	112.015	112.467	112.452
15	M=Pn-Pn-1			491	504	503	533	532
16	N=In+In-1			245.342	245.534	231.820	232.272	232.256
17	M x N	15x16			123678			123476
18	SUM(MxN)	SUM17	247163		123485			