

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

COMPANY : FINA OIL AND CHEMICAL LEASE : FED H H WELL NO. : 133 1 DATE : 12 19 91
 UNIT : 0 SECTION : 33 TOWNSHIP : 19 RANGE : 32
 L : 12462 H : 12462 L/H : 1.0 G/GMIX : 0.640
 CO2 : 1.18 N2 : 0.67 H2S : 0
 d : 2.008 Fr : 0.017480 Qm : 0.000 (L/H) (FrQm) 0.000000

PCR : 674 TCR : 371

LINE	ITEM	SOURCE	1	2	3	4	5	6
1	H		12462	6231		0		
2	GH		7975.68	3987.84		0		DELTA P = 1114.0
3	37.5GH		299088	149544		0		Pw = 3355.0
4	Pc on Pn		4469.0	3941.2	3927.4	3387.0	3349.9	3351.9
5	Pn		6.69	5.85	5.83	5.03	4.97	4.97
6	T		658.62	596.31	596.31	534	534	534
7	Tr		1.78	1.61	1.61	1.44	1.44	1.44
8	Z		0.970	0.889	0.888	0.786	0.783	0.783
9	P/ZP/Z	4/8	4649.0	4435.8	4424.8	4310.9	4279.1	4280.9
10	P/TZ	9/6	7.0587	7.4387	7.4204	8.0729	8.0133	8.0166
11	Ln(10^2/1000)((10)/2/100)							
12	L/H(FrQm)^2							
13	11+12							
14	In	10/13	141.670	134.432	134.764	123.871	124.792	124.741
15	M=Pn-Pn-1			528	542	540	578	575
16	N=In+In-1			276.102	276.434	258.636	259.557	259.505
17	M x N	15x16			149724			149334
18	SUM(MxN)	SUM17	299088		149364			