

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

COMPANY : FINA OIL AND CHEMICAL LEASE : FED H H WELL NO. : 33 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 W2 : 0.67 H2S : 0.67
 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	BH		7975.68	3987.84		0		DELTA P = 1063.4
3	37.5GH		299088	149544		0		Pw = 3135.9
4	Pc or Pn		4199.2	3694.7	3681.8	3165.8	3130.7	3133.7
5	Pr		6.28	5.48	5.46	4.70	4.65	4.65
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		0.953	0.873	0.872	0.770	0.770	0.767
9	P/ZP/Z	4/8	4444.3	4233.9	4223.0	4113.7	4068.2	4083.5
10	P/TZ	9/6	6.7479	7.1002	7.0819	7.7036	7.6184	7.6471
11	$Ln(10^2/1000)(10^2/100)$							
12	$L/H(FrQm)^2$							
13	11+12							
14	In	10/13	148.194	140.841	141.205	129.809	131.260	130.769
15	M=Pn-Pn-1			505	517	516	551	548
16	N=In+In-1			289.035	289.399	271.014	272.466	271.974
17	M x N	15x16			149732			149086
18	SUM(MxN)	SUM17	299088		149356			

VOLUME 1: 917 PSIA 1: 2713.2
 2: 1156 2: 2503.2

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