

VOLUME 1: 447 PSIA 1: 3353.2
2: 578 2: 3133.2

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*****
FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (Pf & Ps)
COMPANY :FINA OIL AND CHEMICAL LEASE :FED H H WELL NO. : 33 1 DATE : 12 19 91
UNIT : 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 : 0.447 (L/H)(FrQm)0.000061
PCR : 674 TCR : 371
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LINE	ITEM	SOURCE	1	2	3	4	5
1	H		0	6231		12462	
2	GH		0	3987.84		7975.68	DELTA P = 1115.8
3	37.5GH		0	149544		299088	Ps = 4469.0
4	Pc on Pn		3353.2	3953.3	3931.5	4507.5	4507.5
5	Pr		4.98	5.87	5.83	6.69	6.69
6	T		534	596.31	596.31	658.62	658.62
7	Tr		1.44	1.61	1.61	1.78	1.78
8	Z		0.783	0.889	0.888	0.970	0.970
9	P/TZ	4/8	4282.0	4445.3	4428.1	4649.0	4649.0
10	P/TZ	9/6	8.0187	7.4547	7.4259	7.0587	7.0587
11	Ln10^2/1000	(10)2/100	0.06430	0.05557	0.05514	0.04982	0.04982
12	L/H(FrQm)2		0.000061	0.000061	0.000061	0.000061	0.000061
13		11+12	0.064361	0.055634	0.055204	0.049886	0.049886
14	In	10/13	124.590	133.996	134.516	141.497	141.497
15	M=Pn-Pn-1			500	578	576	541
16	N=In-In-1			258.586	259.106	276.012	276.012
17	M x N	15x16			149845		149243
18	SUM(MxN)	SUM17			149845		299088