

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

COMPANY : ORYX ENERGY LEASE : D. WING WELL NO. : 2 DATE : 4 24 91
 UNIT : 0 SECTION : 11 TOWNSHIP : 17 RANGE : 29
 L : 10690 H : 10690 L/H : 1.0 G/GMIX : 0.790
 CO2 : 0.41 N2 : 1.96 H2S : 1.96
 d : 1.995 Fr : 0.018231 Qm : 0.000 (L/H) (Fr Qm) 0.000000

PCR : 665 TCR : 418

LINE	ITEM	SOURCE	1	2	3	4	5	6
1	H		10690	5345		0		
2	GH		8445.1	4222.55		0		DELTA P = 1163.6
3	37.5GH		316691	158346		0		Pw = 2705.0
4	Pc or Pn		3868.6	3311.7	3299.9	2732.5	2700.3	2703.7
5	Pr		5.87	4.98	4.96	4.11	4.06	4.07
6	T		640.9	587.45	587.45	534	534	534
7	Tr		1.53	1.41	1.41	1.28	1.28	1.28
8	Z		0.865	0.768	0.767	0.651	0.651	0.648
9	P/ZP/Z	4/8	4507.8	4310.9	4301.1	4197.8	4148.4	4171.9
10	P/TZ	9/6	7.0335	7.3383	7.3217	7.8611	7.7685	7.8126
11	Ln10*2/1000((10)2/100)							
12	L/H(FrQm)2							
13		11+12						
14	In	10/13	142.176	136.271	136.580	127.209	128.726	127.999
15	M=Pn-Pn-1			557	569	567	600	596
16	N=In+In-1			278.447	278.756	263.789	265.306	264.579
17	M x N	15x16			158522			157736
18	SUM(MxN)	SUM17	316691		158170			