

FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (Pf & Ps)

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 : 0  
 d : 1.995 Fr : 0.018231 Qm : 0.979 (L/H)(FrQm)0.000319

PCR : 665 TCR : 418

LINE	ITEM	SOURCE	1	2	3	4	5
1	H		0	5345		10690	
2	GH		0	4222.55		8445.10	DELTA P = 1170.4
3	37.5GH		0	158346		316691	Ps = 3868.6
4	Pc or Pn		2698.2	3319.2	3300.8	3901.3	3901.3
5	Pr		4.06	4.99	4.96	5.87	5.87
6	T		534	587.45	587.45	640.9	640.9
7	Tr		1.28	1.41	1.41	1.53	1.53
8	Z		0.648	0.769	0.767	0.865	0.865
9	P/ZF/Z	4/8	4166.9	4317.1	4301.9	4507.8	4507.8
10	P/TZ	9/6	7.8031	7.3488	7.3229	7.0335	7.0335
11	Ln10^2/1000:(10)2/100		0.06089	0.05401	0.05363	0.04947	0.04947
12	L/H(FrQm)2		0.000319	0.000319	0.000319	0.000319	0.000319
13		11+12	0.061207	0.054324	0.053944	0.049789	0.049789
14	In	10/13	127.487	135.278	135.751	141.266	141.266
15	M=Pn-Pn-1			621	603	600	571
16	N=In-In-1			262.766	263.238	277.017	277.017
17	M x N	15x16			158630		158061
18	SUM(MxN)	SUM17			158630		316691