

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (Pc or Pw)
FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

FORM C-122F

COMPANY OCEAN ENERGY LEASE : SHUGART 20WELL NO. : 1 DATE
UNIT H SECTION : 20 TOWNSHIP : 31E RANGE : 18S
L 11509 H : 11509 L/H : 1 G/GMIX : 0.6970
CO2 : N2 : H2S :
GH : 8021.8 PCR : 672 TCR : 384

LINE		1	2	3	4	5	6	7	8
1	TW(W.H. R)	534	534	534	534	534	534	534	534
2	Ts(B.H. R)	649.1	649.1	649.1	649.1	649.1	649.1	649.1	649.1
3	T=(Tw+Ts/2)	591.5	591.5	591.5	591.5	591.5	591.5	591.5	591.5
4	Z (EST.)	0.841	0.775	0.781	0.775	0.776	0.776	0.778	0.789
5	TZ	498	459	462	458	459	459	460	467
6	GH/TZ	16.124	17.490	17.367	17.504	17.470	17.483	17.425	17.188
7	eS(TABLE XIV)	1.831	1.927	1.918	1.928	1.925	1.926	1.922	1.905
8	Pf or Ps	2841.5	2841.5	2752.4	2752.4	2544.2	2544.2	2051.3	2051.3
9	Pf2 or Ps2	8074.1	8074.1	7575.7	7575.7	6473.0	6473.0	4207.8	4207.8
10	Pc2=Pf/eS or Pw2=Ps2/eS	4410.6	4190.3	3949.8	3929.7	3361.9	3360.3	2189.1	2208.7
11	Pc or Pw	2100	2047	1987	1982	1834	1833	1480	1486
12	P=(Pw+Ps/2)or(Pc+Pf/2)	2471	2444	2370	2367	2189	2189	1765	1769
13	Pr=(P/Pcr)	3.68	3.64	3.53	3.52	3.26	3.26	2.63	2.63
14	Tr(T/Tcr)	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54
15	Z (TABLE XI)	0.775	0.775	0.775	0.775	0.776	0.776	0.789	0.789

PW 1 : 2047.0 PW 2 : 1982.3 PW 3 : 1833.1 PW 4