

WORK SHEET FOR CALCULATION OF WELLHEAD PRESSURE (~~P_o~~ or P_w)
FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

FORM C-122F

COMPANY NEWBOURNE OIL CO. LEASE : C 22 S C. WELL NO. : 1 DATE 7 21 98
UNIT C SECTION : 22 TOWNSHIP : 21 RANGE : 26
L 11067 H : 11067 L/H : 1 G/GMIX : 0.5880
CO₂ : 0.945 N₂ : 0.21 H₂S :
GH : 6507.4 PCR : 672 TCR : 350

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)	644.7	644.7	644.7	644.7	644.7	644.7	644.7	644.7
3	T=(Tw+Ts/2)	589.3	589.3	589.3	589.3	589.3	589.3	589.3	589.3
4	Z (EST.)	0.956	0.870	0.879	0.859	0.864	0.850	0.850	0.841
5	TZ	563	513	518	506	509	501	501	495
6	GH/TZ	11.550	12.695	12.568	12.848	12.774	12.998	12.989	13.134
7	eS(TABLE XIV)	1.542	1.610	1.602	1.619	1.614	1.628	1.628	1.636
8	Pf or Ps	3952.1	3952.1	3736.6	3736.6	3456.2	3456.2	3105.1	3105.1
9	Pf2 or Ps2	15619.1	15619.1	13962.2	13962.2	11945.3	11945.3	9641.6	9641.6
10	Pc2=Pf/eS or Pw2=Ps2/eS	10128.8	9702.9	8714.9	8624.0	7398.8	7336.9	5923.9	5891.7
11	Pc or Pw	3183	3115	2952	2937	2720	2709	2434	2427
12	P=(Pw+Ps/2)or(Pc+Pf/2)	3567	3534	3344	3337	3088	3082	2770	2766
13	Pr=(P/Pcr)	5.31	5.26	4.98	4.97	4.60	4.59	4.12	4.12
14	Tr(T/Tcr)	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68
15	Z (TABLE XI)	0.870	0.868	0.859	0.859	0.850	0.849	0.841	0.841

PW 1 : 3114.9 PW 2 : 2936.7 PW 3 : 2708.7 PW 4 : 2427.3