

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

FORM C-122F

COMPANY OXY U.S.A. LEASE : GOV. Z WELL NO. : 1 DATE 12-20-94
UNIT SECTION : 23 TWSHP : 20 RANGE : 28
L 11200 H : 11200 L/H : 1 G/GMIX : 0.5970
CO2 : 0.9 N2 : 0.2 H2S :
GH : 6686.4 PCR : 672 TCR : 354

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)	646.0	646.0	646.0	646.0	646.0	646.0	646.0	646.0
3	T=(Tw+Ts/2)	590.0	590.0	590.0	590.0	590.0	590.0	590.0	590.0
4	Z (EST.)	0.963	0.873	0.891	0.867	0.882	0.859	0.878	0.857
5	TZ	568	515	526	511	520	507	518	505
6	GH/TZ	11.765	12.983	12.715	13.077	12.852	13.186	12.909	13.231
7	eS(TABLE XIV)	1.555	1.627	1.611	1.633	1.619	1.640	1.623	1.642
8	Pf or Ps	4137.6	4137.6	4040	4040	3884.1	3884.1	3816.8	3816.8
9	Pf2 or Ps2	17119.7	17119.7	16321.6	16321.6	15086.2	15086.2	14568.0	14568.0
10	Pc2=Pf/eS or Pw2=Ps2/eS	11012.6	10521.0	10131.8	9995.3	9317.1	9200.9	8977.7	8869.9
11	Pc or Pw	3319	3244	3183	3162	3052	3033	2996	2978
12	P=(Pw+Ps/2) or (Pc+Pf/2)	3728	3691	3612	3601	3468	3459	3407	3398
13	Pr=(P/Pcr)	5.55	5.49	5.37	5.36	5.16	5.15	5.07	5.06
14	Tr(T/Tcr)	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
15	Z (TABLE XI)	0.873	0.871	0.867	0.866	0.859	0.859	0.857	0.856

PW 1 : 3243.6 PW 2 : 3161.5 PW 3 : 3033.3 PW 4 : 2978.2