

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

FORM C-122F

COMPANY ORYX ENERGY

LEASE :MED ST

WELL NO. :CDM 1

DATE 4 12 91

UNIT

SECTION :

TWNSHP :

RANGE :

L

12928

H : 12928

L/H : 1

G/GMIX : 0.6440

CO2 : 0.41

N2 : 0.76

H2S :

GH : 8325.6

PCR : 670

TCR : 372

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)	663.3	663.3	663.3	663.3	663.3	663.3	663.3	663.3
3	T=(Tw+Ts/2)	598.6	598.6	598.6	598.6	598.6	598.6	598.6	598.6
4	Z (EST.)	0.922	0.833	0.853	0.828	0.840	0.819	0.824	0.811
5	TZ	552	499	511	495	503	490	493	485
6	GH/TZ	15.086	16.701	16.299	16.806	16.553	16.976	16.878	17.157
7	eS(TABLE XIV)	1.761	1.871	1.843	1.878	1.860	1.890	1.883	1.903
8	Pf or Ps	3786.2	3786.2	3694.2	3694.2	3465.2	3465.2	3125.2	3125.2
9	Pf2 or Ps2	14335.3	14335.3	13647.1	13647.1	12007.6	12007.6	9766.9	9766.9
10	Pc2=Pf/eS or Pw2=Ps2/eS	8141.8	7663.4	7406.2	7266.7	6454.8	6353.2	5186.5	5132.6
11	Pc or Pw	2853	2768	2721	2696	2541	2521	2277	2266
12	P=(Pw+Ps/2)or(Pc+Pf/2)	3320	3277	3208	3195	3003	2993	2701	2695
13	Pr=(P/Pcr)	4.95	4.89	4.79	4.77	4.48	4.47	4.03	4.02
14	Tr(T/Tcr)	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
15	Z (TABLE XI)	0.833	0.831	0.828	0.827	0.819	0.819	0.811	0.810

PW 1 : 2768.3 PW 2 : 2695.7 PW 3 : 2520.6 PW 4 : 2265.5