

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

FORM C-122F

COMPANY UNOCAL LEASE : BAR FED WELL NO. : 1 DATE
UNIT SECTION : 1 TOWNSHIP : 23 RANGE : 31
L 14407 H : 14407 L/H : 1 G/GMIX : 0.5830
CO2 : 0.74 N2 : 0.62 H2S :
GH : 8399.3 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)	678.1	678.1	678.1	678.1	678.1	678.1	678.1	678.1
3	T=(Tw+Ts/2)	606.0	606.0	606.0	606.0	606.0	606.0	606.0	606.0
4	Z (EST.)	1.250	1.107	1.153	1.092	1.144	1.084	1.119	1.061
5	TZ	758	671	699	662	693	657	678	643
6	GH/TZ	11.084	12.524	12.018	12.692	12.113	12.789	12.388	13.069
7	eS(TABLE XIV)	1.515	1.599	1.569	1.610	1.575	1.615	1.591	1.632
8	Pf or Ps	7442.2	7442.2	7302.2	7302.2	7195.2	7195.2	6891.2	6891.2
9	Pf2 or Ps2	55386.3	55386.3	53322.1	53322.1	51770.9	51770.9	47488.6	47488.6
10	Pc2=Pf/eS or Pw2=Ps2/eS	36550.0	34628.7	33976.3	33128.6	32871.2	32048.3	29843.2	29090.7
11	Pc or Pw	6046	5685	5829	5756	5733	5661	5463	5394
12	P=(Pw+Ps/2)or(Pc+Pf/2)	6744	6663	6566	6529	6464	6428	6177	6142
13	Pr=(P/Pcr)	10.04	9.92	9.77	9.72	9.62	9.57	9.19	9.14
14	Tr(T/Tcr)	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
15	Z (TABLE XI)	1.107	1.100	1.092	1.089	1.084	1.081	1.061	1.058

PW 1 : 5884.6 PW 2 : 5755.7 PW 3 : 5661.1 PW 4 : 5393.6