

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

FORM C-122F

COMPANY MEWBOURNE OIL CO. LEASE : FED. N WELL NO. : 1 DATE
UNIT SECTION : TWNSHP : RANGE :
L 10268 H : 10268 L/H : 1 G/GMIX : 0.6290
CO2 : 0.56 N2 : 1.02 H2S :
GH : 6458.6 PCR : 670 TCR : 362

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)	636.7	636.7	636.7	636.7	636.7	636.7	636.7	636.7
3	T=(Tw+Ts/2)	585.3	585.3	585.3	585.3	585.3	585.3	585.3	585.3
4	Z (EST.)	0.881	0.830	0.840	0.851	0.868	0.878	0.896	0.903
5	TZ	516	486	492	498	508	514	524	529
6	GH/TZ	12.519	13.297	13.130	12.966	12.714	12.573	12.318	12.215
7	eS(TABLE XIV)	1.599	1.647	1.636	1.626	1.611	1.602	1.587	1.581
8	Pf or Ps	1784.2	1784.2	1416.2	1416.2	1049.2	1049.2	744.2	744.2
9	Pf2 or Ps2	3183.4	3183.4	2005.6	2005.6	1100.8	1100.8	553.8	553.8
10	Pc2=Pf/eS or Pw2=Ps2/eS	1990.7	1933.4	1225.8	1233.4	683.4	687.0	349.0	350.3
11	Pc or Pw	1411	1390	1107	1111	827	829	591	592
12	P=(Pw+Ps/2)or(Pc+Pf/2)	1598	1587	1262	1263	938	939	667	668
13	Pr=(P/Pcr)	2.38	2.37	1.88	1.89	1.40	1.40	1.00	1.00
14	Tr(T/Tcr)	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
15	Z (TABLE XI)	0.830	0.830	0.851	0.851	0.878	0.877	0.903	0.903

PW 1 : 1390.5 PW 2 : 1110.6 PW 3 : 828.8 PW 4 : 591.9