

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

FORM C-122F

COMPANY MEWBORNE OIL CO. LEASE : BALDRIDGEWELL NO. : 1 DATE 4/24/98
UNIT SECTION : 1 TOWNSHIP : 24 RANGE : 24
L 10422 H : 10422 L/H : 1 G/GMIX : 0.5760
CO2 : 0.794 N2 : 0.272 H2S :
GH : 6003.1 PCR : 342 TCR : 675

LINE		1	2	3	4	5	6	7	8
1	TW(W.H. R)	534	534	534	534	534	534	534	534
2	Ts(8.H. R)	638.2	638.2	638.2	638.2	638.2	638.2	638.2	638.2
3	T=(Tw+Ts/2)	586.1	586.1	586.1	586.1	586.1	586.1	586.1	586.1
4	Z (EST.)	-0.704	-0.756	-0.647	-0.756	-0.623	-0.733	-0.596	-0.707
5	TZ	-413	-443	-379	-443	-365	-429	-349	-414
6	GH/TZ	-14.549	-13.548	-15.827	-13.550	-16.438	-13.981	-17.182	-14.497
7	eS(TABLE XIV)	0.579	0.602	0.552	0.602	0.540	0.592	0.525	0.581
8	Pf or Ps	1752.46	1752.46	1728.51	1728.51	1662.83	1662.83	1589.24	1589.24
9	Pf2 or Ps2	3071.1	3071.1	2987.7	2987.7	2765.0	2765.0	2525.7	2525.7
10	Pc2=Pf/eS or Pw2=Ps2/eS	5299.7	5104.4	5408.9	4966.1	5121.5	4670.7	4810.6	4349.8
11	Pc or Pw	2302	2259	2326	2228	2263	2161	2193	2086
12	P=(Pw+Ps/2)or(Pc+Pf/2)	2027	2006	2027	1978	1963	1912	1891	1837
13	Pr=(P/Pcr)	5.93	5.87	5.93	5.79	5.74	5.59	5.53	5.37
14	Tr(T/Tcr)	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
15	Z (TABLE XI)	-0.756	-0.748	-0.756	-0.738	-0.733	-0.714	-0.707	-0.687

PW 1 : 2259.3 PW 2 : 2228.5 PW 3 : 2161.2 PW 4 : 2085.6