

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

FORM C-122F

COMPANY: MENBORNE OIL

UNIT: F

L

LEASE: OCT. HILLWELL NO. 1

DATE: 2/25/98

SECTION: 21 TOWNSHIP: 21

RANGE: 26

9705

H: 9705

L/H: 1

G/GMIX: 0.6880

CO2: 1.81

N2: 1.321

H2S:

GH: 6677.0

PCR: 674

TCR: 380

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)	631.0	631.0	631.0	631.0	631.0	631.0	631.0	631.0
3	T=(Tw+Ts/2)	582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5
4	Z (EST.)	0.853	0.779	0.790	0.776	0.784	0.774	0.780	0.772
5	TZ	497	454	460	452	457	451	454	450
6	GH/TZ	13.439	14.705	14.514	14.770	14.612	14.818	14.699	14.852
7	eS(TABLE XIV)	1.655	1.736	1.723	1.740	1.730	1.743	1.735	1.745
8	Pf or Ps	3187.7	3187.7	3087.1	3087.1	2966.1	2966.1	2842.2	2842.2
9	Pf2 or Ps2	10161.4	10161.4	9530.2	9530.2	8797.7	8797.7	8078.1	8078.1
10	Pc2=Pf/eS or Pw2=Ps2/eS	6138.9	5854.2	5530.0	5477.2	5086.3	5047.1	4655.0	4628.4
11	Pc or Pw	2478	2420	2352	2340	2255	2247	2158	2151
12	P=(Pw+Ps/2) or (Pc+Pf/2)	2833	2804	2719	2714	2611	2606	2500	2497
13	Pr=(P/Pcr)	4.20	4.16	4.03	4.03	3.87	3.87	3.71	3.70
14	Tr(T/Tcr)	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
15	Z (TABLE XI)	0.779	0.779	0.776	0.776	0.774	0.773	0.772	0.772

PW 1 : 2419.5 PW 2 : 2340.3 PW 3 : 2246.6 PW 4 : 2151.4