

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

FORM C-122F

COMPANY MARALO INC.

LEASE : STATE 11 WELL NO. : 1 DATE 10-04-94

UNIT I

SECTION : 11 TOWNSHIP : 19 RANGE : 28

L

11037

H : 11037 L/H : 1 G/GMIX : 0.6280

CO2 : 0.7 N2 : 0.28 H2S :

GH : 6931.2 PCR : 671 TCR : 365

| 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)              | 644.4   | 644.4   | 644.4 | 644.4 | 644.4 | 644.4 | 644.4 | 644.4 |
| 3    | T=(Tw+Ts/2)             | 589.2   | 589.2   | 589.2 | 589.2 | 589.2 | 589.2 | 589.2 | 589.2 |
| 4    | Z (EST.)                | 0.930   | 0.842   | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 5    | TZ                      | 548     | 496     | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 6    | GH/TZ                   | 12.653  | 13.970  | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 7    | eS(TABLE XIV)           | 1.607   | 1.689   | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 8    | Pf or Ps                | 3882.5  | 3882.5  | 0     | 0     | 0     | 0     | 0     | 0     |
| 9    | Pf2 or Ps2              | 15073.8 | 15073.8 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 10   | Pc2=Pf/eS or Pw2=Ps2/eS | 9379.1  | 8926.9  | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 11   | Pc or Pw                | 3063    | 2988    | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 12   | P=(Pw+Ps/2)or(Pc+Pf/2)  | 3473    | 3435    | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 13   | Pr=(P/Pcr)              | 5.18    | 5.12    | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 14   | Tr(T/Tcr)               | 1.61    | 1.61    | 1.61  | 1.61  | 1.61  | 1.61  | 1.61  | 1.61  |
| 15   | Z (TABLE XI)            | 0.842   | 0.840   | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |

Pc

~~1~~ 1 : 2987.8 PW 2 : ERR PW 3 : ERR PW 4 : ERR