

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

FORM C-122F

COMPANY OXY  
UNIT L  
LEASE : LION  
SECTION : 11021  
WELL NO. : 1  
TWNHP :  
DATE 1/7/00  
RANGE :  
G/GMIX : 0.6300  
H : 11021  
L/H : 1  
CO2 : 0.66  
N2 : 0.313  
GH : 6943.2  
PCR : 673  
H2S :  
TCR : 364

| 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)              | 644.2  | 644.2  | 644.2 | 644.2 | 644.2 | 644.2 | 644.2 | 644.2 |
| 3    | T=(Tw+Ts/2)             | 589.1  | 589.1  | 589.1 | 589.1 | 589.1 | 589.1 | 589.1 | 589.1 |
| 4    | Z (EST.)                | 0.887  | 0.816  | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 5    | TZ                      | 523    | 481    | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 6    | GH/TZ                   | 13.282 | 14.447 | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 7    | eS(TABLE XIV)           | 1.646  | 1.719  | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 8    | Pf or Ps                | 3119.9 | 3119.9 | 0     | 0     | 0     | 0     | 0     | 0     |
| 9    | Pf2 or Ps2              | 9733.8 | 9733.8 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 10   | Pc2=Pf/eS or Pw2=Ps2/eS | 5915.2 | 5662.3 | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 11   | Pc or Pw                | 2432   | 2380   | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 12   | P=(Pw+Ps/2)or(Pc+Pf/2)  | 2776   | 2750   | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 13   | Pr=(P/Pcr)              | 4.12   | 4.09   | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |
| 14   | Tr(T/Tcr)               | 1.62   | 1.62   | 1.62  | 1.62  | 1.62  | 1.62  | 1.62  | 1.62  |
| 15   | Z (TABLE XI)            | 0.816  | 0.815  | ERR   | ERR   | ERR   | ERR   | ERR   | ERR   |

PC PW 1 : 2379.6 PW 2 : ERR PW 3 : ERR PW 4