

**WORK SHEET FOR STEPWISE CALCULATION**  
(SUBSURFACE) PRESSURE (P<sub>f</sub> & P<sub>s</sub>)  
(SURFACE) (P<sub>c</sub> & P<sub>w</sub>)

Form C-122-E  
Adopted 9-1-65

COMPANY EFMS LEASE Mono ST. WELL NO. 1 DATE 3-15-72

LOCATION: Unit 1C Section 16 Township 23.5 Range 31-E

L H L/H G % CO<sub>2</sub>          % N<sub>2</sub>          % H<sub>2</sub>S           
d F<sub>r</sub> Q<sub>m</sub> M<sub>2</sub>cid (L/H) (F<sub>r</sub>Q<sub>m</sub>)<sup>2</sup>          P<sub>cr</sub> 671 T<sub>cr</sub> 562  
TABLE IX & X      TABLE IX & X

| LINE | ITEM                                             | SOURCE                          | 1        | 2        | 3        | 4        | 5        | 6        | 7                             | 8 | 9 | 10 |
|------|--------------------------------------------------|---------------------------------|----------|----------|----------|----------|----------|----------|-------------------------------|---|---|----|
| 1    | H                                                |                                 | 12,424   | 6,212    |          | 0        |          |          |                               |   |   |    |
| 2    | GH                                               |                                 | 7,604    | 3,802    |          | 0        |          |          |                               |   |   |    |
| 3    | 37.5GH                                           |                                 | 285,180  | 142,595  |          | 0        |          |          |                               |   |   |    |
| 4    | P <sub>c</sub> or P <sub>n</sub>                 |                                 | 5253.8   | 4636.8   | 4677.9   | 4103.1   | 4061.7   | 4062.9   | <u>4063.5 = P<sub>u</sub></u> |   |   |    |
| 5    | P <sub>r</sub>                                   |                                 | 7.83     | 7.00     | 6.97     | 6.11     | 6.05     | 6.05     |                               |   |   |    |
| 6    | T                                                |                                 | 6.56     | 5.95     | 5.95     | 5.22     | 5.22     | 5.22     |                               |   |   |    |
| 7    | T <sub>r</sub>                                   |                                 | 1.81     | 1.64     | 1.64     | 1.48     | 1.48     | 1.48     |                               |   |   |    |
| 8    | Z                                                |                                 | 1.025    | .944     | .942     | .853     | .848     | .848     |                               |   |   |    |
| 9    | P/Z P/Z                                          | 4/8                             | 5125.7   | 4975.4   | 4965.9   | 4810.2   | 4789.7   | 4791.2   |                               |   |   |    |
| 10   | P/TZ                                             | 9/6                             | 7.814    | 8.362    | 8.346    | 9.007    | 8.970    | 8.972    |                               |   |   |    |
| 11   | (P/TZ) <sup>2</sup> /1000                        | (10) <sup>2</sup> /1000         |          |          |          |          |          |          |                               |   |   |    |
| 12   | L/H(F <sub>r</sub> Q <sub>m</sub> ) <sup>2</sup> |                                 |          |          |          |          |          |          |                               |   |   |    |
| 13   |                                                  | I <sub>1</sub> + I <sub>2</sub> |          |          |          |          |          |          |                               |   |   |    |
| 14   | I <sub>n</sub>                                   | I <sub>0</sub> ÷ I <sub>3</sub> | 1/27.984 | 1/19.478 | 1/19.816 | 1/11.015 | 1/11.489 | 1/11.454 |                               |   |   |    |
| 15   | M = P <sub>n</sub> - P <sub>n-1</sub>            |                                 | 557.0    | 590.1    | 572.8    | 616.2    | 615.0    |          |                               |   |   |    |
| 16   | N = I <sub>n</sub> + I <sub>n-1</sub>            |                                 | 247.572  | 247.800  | 230.831  | 231.305  | 231.270  |          |                               |   |   |    |
| 17   | M x N                                            | 15 x 16                         | 142,708  | 142,708  |          |          |          | 142,231  |                               |   |   |    |
| 18   | Σ (M x N)                                        | Σ I <sub>7</sub>                |          |          | 142,244  |          |          |          |                               |   |   |    |