

4/1/1  
P. 100

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P<sub>f</sub> & P<sub>s</sub>)  
(SURFACE) 110 BBS OFFICE (P<sub>f</sub> & P<sub>s</sub>)

Form C-122E  
Adopted 9-1-65

COMPANY Summit Dr. Oil Co. LEASE STATELAND "76" WELL NO. JAN 19 11 44 AM '67 DATE 1-16-67

LOCATION: Unit J Section 2 Township 16 S Range 32 E

L 11.978 H 11.978 L/H 1.000 G 1.144 % CO<sub>2</sub> — % N<sub>2</sub> — % H<sub>2</sub>S —  
d 1.995 F<sub>r</sub> 0.01231 Q<sub>m</sub> 1.423 M<sup>2</sup> cfd (L/H) (F<sub>r</sub> Q<sub>m</sub>)<sup>2</sup> 0.006730244 P<sub>cr</sub> 650 T<sub>cr</sub> 537  
TABLE IX & X

| LINE | ITEM                                             | SOURCE           | 1           | 2           | 3           | 4           | 5           | 6           | 7           | 8 | 9 | 10 |
|------|--------------------------------------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|---|----|
| 1    | H                                                |                  | 0           | 5989        |             |             | 11,978      |             |             |   |   |    |
| 2    | GH                                               |                  | 0           | 6851.716    |             |             | 13,702.8    |             |             |   |   |    |
| 3    | 37.5GH                                           |                  | 0           | 256,728     |             |             | 513,855     |             |             |   |   |    |
| 4    | P <sub>c</sub> or P <sub>n</sub>                 |                  | 1774.2      | 2932.5      | 2878        | 2876.6      | 3978.6      | 3905.1      | 3702.6      |   |   |    |
| 5    | P <sub>r</sub>                                   |                  | 2,729       | 4,511       | 4,421       | 4,426       | 6,121       | 6,01        | 6,01        |   |   |    |
| 6    | T                                                |                  | 532         | 586         | 586         | 586         | 640         | 640         | 640         |   |   |    |
| 7    | T <sub>r</sub>                                   |                  | .9907       | 1.091       | 1.091       | 1.091       | 1.192       | 1.192       | 1.192       |   |   |    |
| 8    | Z                                                |                  | .373        | .616        | .606        | .606        | .802        | .791        | .791        |   |   |    |
| 9    | P/Z                                              |                  | 4756.6      | 4760.5      | 4749.2      | 4746.9      | 4760.8      | 4936.9      | 4933.7      |   |   |    |
| 10   | P/TZ                                             |                  | 8.941       | 8.124       | 8.164       | 8.100       | 7.751       | 7.714       | 7.709       |   |   |    |
| 11   | (P/TZ)/2/1000                                    | (10)/2/1000      | .07494481   | .06577376   | .06567486   | .0656100    | .060078001  | .059505796  | .05942861   |   |   |    |
| 12   | L/H(F <sub>r</sub> Q <sub>m</sub> ) <sup>2</sup> |                  | .0006730244 | .0006730244 | .0006730244 | .0006730244 | .0006730244 | .0006730244 | .0006730244 |   |   |    |
| 13   |                                                  |                  | .080614505  | .0666124    | .06634784   | .066283024  | .060751025  | .06017882   | .060101705  |   |   |    |
| 14   | I <sub>n</sub>                                   |                  | 110.910     | 121.850     | 122.144     | 122.203     | 127.586     | 128.185     | 128.265     |   |   |    |
| 15   | M=P <sub>n</sub> -P <sub>n-1</sub>               |                  |             | 1158.3      | 1103.8      | 1162.4      | 1102        | 1028.5      | 1026        |   |   |    |
| 16   | N=I <sub>n</sub> +I <sub>n-1</sub>               |                  |             | 232.760     | 233.054     | 233.113     | 247.789     | 250.388     | 250.468     |   |   |    |
| 17   | M x N                                            |                  |             |             |             |             |             |             |             |   |   |    |
| 18   | Σ (M x N)                                        | Σ I <sub>7</sub> |             |             |             |             |             |             |             |   |   |    |