

COMPANY Southland Oil Co. LEASE St. 32 Con WELL NO. 1 DATE 12/3/79

LOCATION: Unit B Section 32 Township 19 Range 28  
10116 H 10116 LH 1000 G 601 % CO<sub>2</sub> 28 % N<sub>2</sub> 67 % H<sub>2</sub>S       

d 1.995 F<sub>i</sub> .01823 Q<sub>m</sub> 0 M<sub>2</sub> 0 (L/H) (F<sub>i</sub> Q<sub>m</sub>)<sup>2</sup> 0 P<sub>cr</sub> 671 T<sub>cr</sub> 358  
 TABLE IX & X TABLE IX & X

| L  | ITEM                                             | SOURCE      | 1       | 2       | 3       | 4       | 5       | 6       | 7 | 8                | 9      | 10 |
|----|--------------------------------------------------|-------------|---------|---------|---------|---------|---------|---------|---|------------------|--------|----|
| 1  | H                                                |             | 10116   | 5058    |         | 0       |         |         |   |                  |        |    |
| 2  | GH                                               |             | 6079.7  | 3039.9  |         | 0       |         |         |   |                  |        |    |
| 3  | 37.5GH                                           |             | 2279.89 | 11399.5 |         | 0       |         |         |   |                  |        |    |
| 4  | P <sub>c</sub> or P <sub>n</sub>                 |             | 2191.1  | 1971.1  | 1965.1  | 1739.7  | 1732.2  | 1732.8  |   | P <sub>w</sub> = | 1731.2 |    |
| 5  | P <sub>r</sub>                                   |             | 3.27    | 2.94    | 2.93    | 2.59    | 2.58    | 2.58    |   |                  |        |    |
| 6  | T                                                |             | 635     | 584.5   | 584.5   | 534     | 534     | 534     |   |                  |        |    |
| 7  | T <sub>i</sub>                                   |             | 1.77    | 1.63    | 1.63    | 1.49    | 1.49    | 1.49    |   |                  |        |    |
| 8  | Z                                                |             | .894    | .827    | .827    | .791    | .792    | .792    |   |                  |        |    |
| 9  | P/2 P/2                                          | 4:8         | 2450.9  | 2383.4  | 2376.1  | 2199.4  | 2197.1  | 2187.9  |   |                  |        |    |
| 10 | P/TZ                                             | 9:6         | 3.8597  | 4.0777  | 4.0652  | 4.1187  | 4.0957  | 4.0772  |   |                  |        |    |
| 11 | (P/TZ) <sup>2</sup> /1000                        | (10) 2/1000 |         |         |         |         |         |         |   |                  |        |    |
| 12 | L/H(F <sub>i</sub> Q <sub>m</sub> ) <sup>2</sup> |             |         |         |         |         |         |         |   |                  |        |    |
| 13 |                                                  | 11 + 12     |         |         |         |         |         |         |   |                  |        |    |
| 14 | I <sub>n</sub>                                   | 10 ÷ 13     | 259.089 | 245.333 | 245.988 | 242.786 | 244.157 | 244.066 |   |                  |        |    |
| 15 | M = P <sub>n</sub> - P <sub>n-1</sub>            |             | 220     | 226     | 225     | 233     | 232     |         |   |                  |        |    |
| 16 | N = I <sub>n</sub> + I <sub>n-1</sub>            |             | 504.302 | 505.077 | 488.784 | 490.145 | 490.054 |         |   |                  |        |    |
| 17 | M × N                                            | 15 × 16     |         |         | 11416.5 |         |         |         |   |                  |        |    |
| 18 | Σ (M × N)                                        | Σ 17        |         |         | 113824  |         |         |         |   |                  |        |    |