

FLUID PROPERTIES BELL LAKE UNIT NO. 11

| PRESSURE<br>(PSIG) | OIL FVF<br>(BBL/STB) | GAS FVF<br>(BBL/SCF) | OIL VIS<br>(CP) | GAS VIS<br>(CP) | SOLN. GOR<br>(SCF/STB) | WATER FVF<br>(BBL/STB) | C <sub>o</sub><br>psi -1 | C <sub>w</sub><br>psi -1 | C <sub>g</sub><br>psi -1 |
|--------------------|----------------------|----------------------|-----------------|-----------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|
| 3200               | 1.381                | 0.000768             | 0.63            | 0.020           | 940                    | 1.010                  | 1.140E-05                | 2.170E-06                |                          |
| 3195               | 1.381                | 0.000768             | 0.63            | 0.020           | 940                    | 1.010                  | 1.141E-05                | 2.160E-06                |                          |
| 3020               | 1.392                | 0.000777             | 0.63            | 0.020           | 940                    | 1.010                  | 1.167E-05                | 1.810E-06                |                          |
| 3000               | 1.393                | 0.000778             | 0.63            | 0.020           | 940                    | 1.010                  | 1.170E-05                | 1.770E-06                |                          |
| 2926               | 1.397                | 0.000785             | 0.63            | 0.020           | 940                    | 1.010                  | 1.181E-05                | 1.622E-06                |                          |
| 2800               | 1.405                | 0.000798             | 0.62            | 0.019           | 940                    | 1.010                  | 1.200E-05                | 1.370E-06                |                          |
| 2775               | 1.407                | 0.000828             | 0.62            | 0.019           | 940                    | 1.010                  | 7.600E-05                | 1.320E-06                | 3.200E-04                |
| 2600               | 1.392                | 0.000878             | 0.64            | 0.019           | 890                    | 1.010                  | 7.730E-05                | 1.357E-06                | 3.520E-04                |
| 2400               | 1.370                | 0.000948             | 0.68            | 0.018           | 825                    | 1.011                  | 7.930E-05                | 1.398E-06                | 4.010E-04                |
| 2200               | 1.348                | 0.001035             | 0.71            | 0.017           | 760                    | 1.011                  | 8.140E-05                | 1.440E-06                | 4.590E-04                |
| 2000               | 1.326                | 0.001144             | 0.76            | 0.016           | 696                    | 1.011                  | 8.360E-05                | 1.517E-06                | 5.270E-04                |
| 1800               | 1.304                | 0.001283             | 0.81            | 0.015           | 632                    | 1.012                  | 8.610E-05                | 1.593E-06                | 6.050E-04                |
| 1600               | 1.281                | 0.001462             | 0.85            | 0.015           | 568                    | 1.012                  | 8.870E-05                | 1.670E-06                | 6.970E-04                |
| 1400               | 1.258                | 0.001700             | 0.93            | 0.014           | 505                    | 1.012                  | 9.160E-05                | 1.837E-06                | 8.060E-04                |
| 1200               | 1.235                | 0.002023             | 1.01            | 0.013           | 442                    | 1.012                  | 9.480E-05                | 2.003E-06                | 9.390E-04                |
| 1000               | 1.211                | 0.002480             | 1.11            | 0.013           | 380                    | 1.012                  | 9.820E-05                | 2.170E-06                | 1.120E-03                |
| 800                | 1.187                | 0.003169             | 1.24            | 0.012           | 318                    | 1.012                  | 1.020E-04                | 3.527E-06                | 1.380E-03                |
| 600                | 1.163                | 0.004314             | 1.40            | 0.012           | 257                    | 1.013                  | 1.060E-04                | 4.883E-06                | 1.800E-03                |
| 400                | 1.138                | 0.006572             | 1.60            | 0.012           | 198                    | 1.013                  | 1.100E-04                | 6.240E-06                | 2.630E-03                |
| 200                | 1.113                | 0.013045             | 1.88            | 0.011           | 140                    | 1.013                  | 1.320E-04                | 1.122E-05                | 5.130E-03                |
| 100                | 1.102                | 0.024750             | 2.06            | 0.011           | 113                    | 1.014                  | 1.350E-04                | 2.020E-05                | 1.010E-02                |

FOR MR. STOGNER  
DIVISION  
NO. 13  
9/11/7  
by CONNOR JAMES  
Hearing Date 4-8-87