

SHUGART

# SHUGART WATERFLOOD WATERFLOOD PARAMETERS

| WELL NAME       | ACRES  | % OF ACRES | ACRES<br>UNIT | OOIP<br>MBO | % OF<br>OOIP | OOIP<br>% OF UNIT | CUM OIL  | % OF<br>CUM OIL | CUM OIL<br>UNIT | CUM OIL<br>% OF UNIT | REM RES<br>PRIM. | % OF<br>REM RES<br>PRIM. | REM RES<br>% OF UNIT | RATE<br>1 to 5/98 | % OF<br>RATE | RATE<br>UNIT | TRACT<br>UNIT % |
|-----------------|--------|------------|---------------|-------------|--------------|-------------------|----------|-----------------|-----------------|----------------------|------------------|--------------------------|----------------------|-------------------|--------------|--------------|-----------------|
| Conoco #1       | 41.01  | 0.0679     | 0.0034        | 1581        | 0.051        | 0.0204            | 232.327  | 0.1077          | 0.0162          | 83.6                 | 0.1176           | 0.0176                   | 2912                 | 0.111             | 0.0277       | 0.0853       |                 |
| Conoco #3       | 41.04  | 0.0679     | 0.0034        | 2096        | 0.068        | 0.0270            | 61.687   | 0.0286          | 0.0043          | 52.3                 | 0.0736           | 0.0110                   | 1359                 | 0.052             | 0.0129       | 0.0587       |                 |
| Geronimo #3     | 40     | 0.0662     | 0.0033        | 3461        | 0.111        | 0.0446            | 344.146  | 0.1595          | 0.0239          | 99.1                 | 0.1394           | 0.0209                   | 3245                 | 0.124             | 0.0309       | 0.1237       |                 |
| Geronimo #4     | 40     | 0.0662     | 0.0033        | 3392        | 0.109        | 0.0437            | 214.007  | 0.0992          | 0.0149          | 47                   | 0.0661           | 0.0099                   | 1581                 | 0.060             | 0.0151       | 0.0869       |                 |
| Geronimo #5     | 20     | 0.0331     | 0.0017        | 950         | 0.031        | 0.0122            | 63.232   | 0.0293          | 0.0044          | 1.3                  | 0.0018           | 0.0003                   | 460                  | 0.018             | 0.0044       | 0.0229       |                 |
| Geronimo #8     | 40     | 0.0662     | 0.0033        | 1323        | 0.043        | 0.0170            | 45.005   | 0.0209          | 0.0031          | 9.1                  | 0.0128           | 0.0019                   | 680                  | 0.026             | 0.0065       | 0.0319       |                 |
| Geronimo #9     | 40     | 0.0662     | 0.0033        | 2076        | 0.067        | 0.0267            | 117.993  | 0.0547          | 0.0082          | 58.4                 | 0.0821           | 0.0123                   | 1745                 | 0.067             | 0.0166       | 0.0672       |                 |
| Geronimo #10    | 40     | 0.0662     | 0.0033        | 692         | 0.022        | 0.0089            | 30.654   | 0.0142          | 0.0021          | 14.8                 | 0.0208           | 0.0031                   | 626                  | 0.024             | 0.0060       | 0.0234       |                 |
| Geronimo #12    | 20     | 0.0331     | 0.0017        | 950         | 0.031        | 0.0122            | 39.609   | 0.0184          | 0.0028          | 3.8                  | 0.0053           | 0.0008                   | 460                  | 0.018             | 0.0044       | 0.0218       |                 |
| Inca #1         | 40.69  | 0.0674     | 0.0034        | 2652        | 0.085        | 0.0342            | 259.954  | 0.1205          | 0.0181          | 58.2                 | 0.0818           | 0.0123                   | 2698                 | 0.103             | 0.0257       | 0.0936       |                 |
| Inca #2         | 40.69  | 0.0674     | 0.0034        | 3832        | 0.123        | 0.0494            | 221.764  | 0.1028          | 0.0154          | 58.2                 | 0.0818           | 0.0123                   | 2898                 | 0.110             | 0.0276       | 0.1080       |                 |
| Inca #3         | 40.69  | 0.0674     | 0.0034        | 1782        | 0.057        | 0.0230            | 142.78   | 0.0662          | 0.0099          | 58.2                 | 0.0818           | 0.0123                   | 1770                 | 0.067             | 0.0169       | 0.0654       |                 |
| Jade #1         | 40     | 0.0662     | 0.0033        | 2263        | 0.073        | 0.0292            | 159.99   | 0.0742          | 0.0111          | 93.3                 | 0.1312           | 0.0197                   | 2899                 | 0.110             | 0.0276       | 0.0909       |                 |
| Mohawk #1       | 40     | 0.0662     | 0.0033        | 1031        | 0.033        | 0.0133            | 30.251   | 0.0140          | 0.0021          | 16.7                 | 0.0235           | 0.0035                   | 591                  | 0.023             | 0.0056       | 0.0279       |                 |
| South Taylor #2 | 40     | 0.0662     | 0.0033        | 1938        | 0.062        | 0.0250            | 193.865  | 0.0899          | 0.0135          | 57.1                 | 0.0803           | 0.0120                   | 2316                 | 0.088             | 0.0221       | 0.0759       |                 |
| South Taylor #3 | 40     | 0.0662     | 0.0033        | 1030        | 0.033        | 0.0133            | 0        | 0.0000          | 0.0000          | 0                    | 0.0000           | 0.0000                   | 0                    | 0.000             | 0.0000       | 0.0166       |                 |
| TOTAL FIELD     | 604.12 | 1.000      | 0.050         | 31049       | 1.000        | 0.400             | 2157.264 | 1.000           | 0.150           | 711                  | 1.000            | 0.150                    | 26240                | 1.000             | 0.250        | 1.000        |                 |
| PARAMETER %     |        |            | 0.05          |             |              | 0.4               |          |                 | 0.15            |                      |                  | 0.15                     |                      |                   | 0.25         |              |                 |

BEFORE EXAMINER CATANACH  
OIL CONSERVATION DIVISION  
EXHIBIT NO. 43  
CASE NO. \_\_\_\_\_