

## Oil Conservation Commission

Case No. 10  
Exhibit No. 10

## VPR Castle Rock Park GIP / EUR / Drainage Area

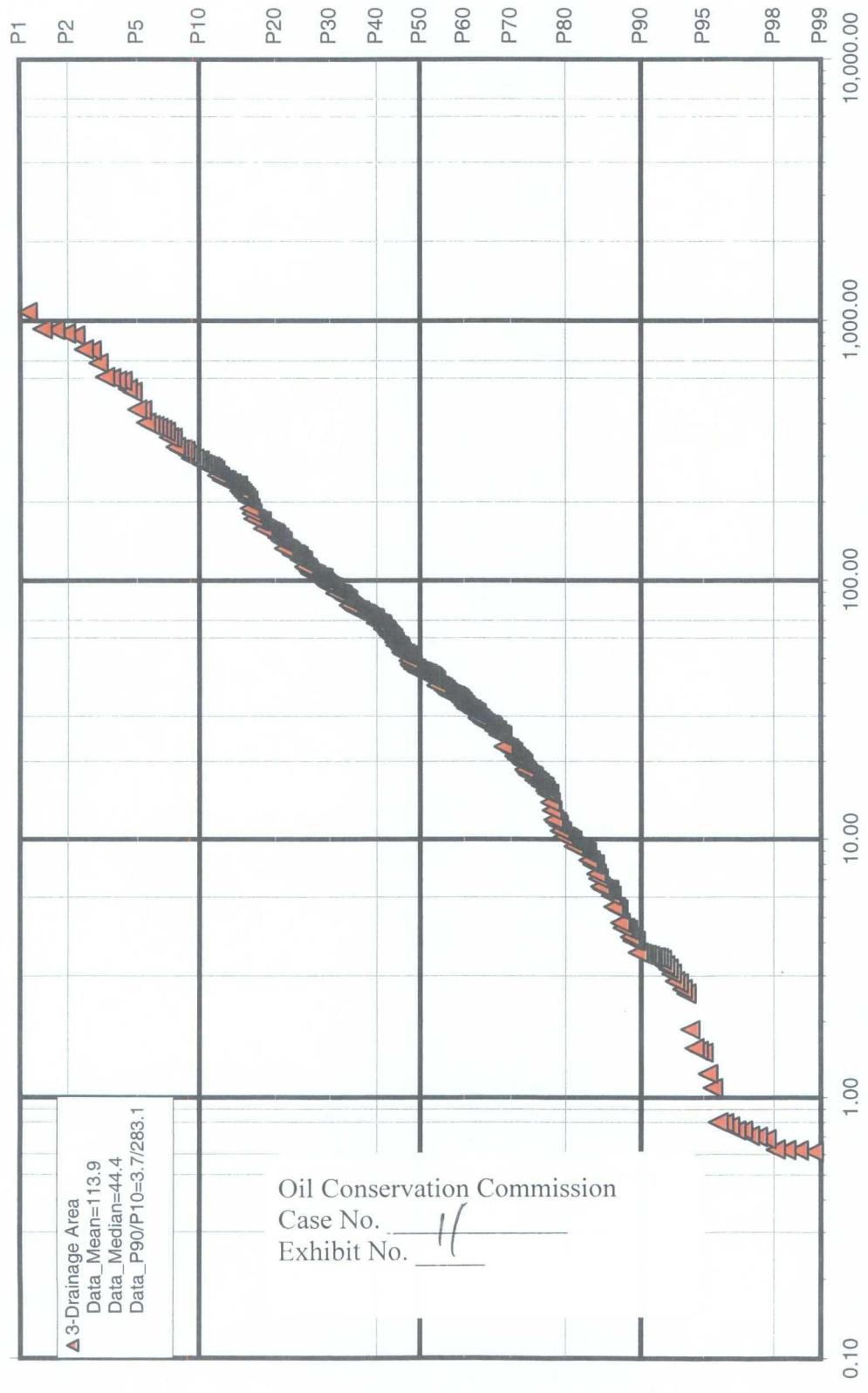
| Tonnage Factor |        | Gas Content    |             | 6/30/2009 |          |          |          | LVEW 2Q09 Gross |                           | EQUIV.      |           |
|----------------|--------|----------------|-------------|-----------|----------|----------|----------|-----------------|---------------------------|-------------|-----------|
| Area           | 1876   | Vm             | Gas Content | 316       | Vm       | Vm       | Rt       | Rt OGIP         | VOL EUR                   | EUR. FACTOR | DRAINEAGE |
| Vm,RF          | 80     | Bulk           | OGIP        |           | EUR      | EUR      | Net Coal | OGIP            | 80 ac.                    | %           | Area ac.  |
| Rt,RF          | 0.60   | (MMscf)        | (MMscf)     |           | (MMscf)  | (MMscf)  | (MMscf)  | (MMscf)         |                           |             |           |
| Conn,ET        | 0.50   |                |             |           |          |          |          |                 |                           |             |           |
| Well Name      | Well # | API number     | NET COAL    | Vm        | Vm Bulk  | Vm       | Rt       | Rt Bulk         | Total Equiv.              |             |           |
|                |        |                | (MMscf)     | (MMscf)   | (MMscf)  | (MMscf)  | (MMscf)  | (MMscf)         | Feet of Coal @316scf (ft) |             |           |
| VPR B          | 1      | 30007201810000 | 26.3        | 393       | 1547.794 | 817.235  | 20.3     | 281             | 856.101                   | 2403.895    | 1193.920  |
| VPR B          | 2      | 30007201820000 | 25.0        | 345       | 1294.766 | 683.637  | 307      | 0.000           | 0.000                     | 1294.766    | 633.637   |
| VPR B          | 3      | 30007201830000 | 19.8        | 362       | 1073.946 | 567.044  | 22.0     | 265             | 875.312                   | 385.137     | 952.181   |
| VPR B          | 4      | 30007201840000 | 16.5        | 325       | 804.459  | 424.754  | 269      | 0.000           | 0.000                     | 804.459     | 424.754   |
| VPR B          | 5      | 30007201850000 | 33.8        | 388       | 1966.149 | 1038.127 | 45.0     | 227             | 1534.024                  | 674.971     | 1713.097  |
| VPR B          | 6      | 30007201860000 | 21.8        | 307       | 1000.816 | 528.431  | 301      | 0.000           | 0.000                     | 1000.816    | 528.431   |
| VPR B          | 7      | 30007201870000 | 25.3        | 368       | 1393.414 | 735.723  | 29.3     | 239             | 1050.789                  | 462.347     | 2444.203  |
| VPR B          | 8      | 30007201880000 | 14.8        | 338       | 749.149  | 395.531  | 283      | 0.000           | 0.000                     | 749.149     | 395.531   |
| VPR B          | 9      | 30007201530000 | 18.0        | 317       | 866.991  | 452.491  | 21.8     | 209             | 681.776                   | 299.981     | 1538.766  |
| VPR B          | 10     | 30007200840000 | 19.3        | 310       | 896.934  | 473.581  | 173      | 0.000           | 0.000                     | 896.934     | 473.581   |
| VPR B          | 11     | 30007200980000 | 20.5        | 325       | 999.908  | 527.951  | 271      | 0.000           | 0.000                     | 999.908     | 527.951   |
| VPR B          | 12     | 30007201890000 | 30.0        | 333       | 1500.849 | 792.448  | 304      | 0.000           | 0.000                     | 1500.849    | 792.448   |
| VPR B          | 13     | 30007200880000 | 25.0        | 318       | 1194.520 | 630.707  | 39.0     | 177             | 1033.837                  | 454.888     | 2228.357  |
| VPR B          | 14     | 30007200850000 | 18.0        | 303       | 817.756  | 431.775  | 3.8      | 229             | 128.776                   | 56.662      | 946.532   |
| VPR B          | 15     | 30007201900000 | 24.9        | 366       | 1367.311 | 721.940  | 26.6     | 201             | 803.854                   | 353.696     | 2171.165  |
| VPR B          | 16     | 30007201910000 | 18.5        | 328       | 939.455  | 480.192  | 38.0     | 211             | 1201.893                  | 528.833     | 2111.348  |
| VPR B          | 17     | 30007201540000 | 32.3        | 346       | 1672.769 | 883.222  | 290      | 0.000           | 0.000                     | 1672.769    | 883.222   |
| VPR B          | 18     | 30007201550000 | 20.3        | 358       | 1087.382 | 574.138  | 24.0     | 194             | 697.152                   | 306.747     | 1784.534  |
| VPR B          | 19     | 30007201560000 | 24.0        | 349       | 1257.513 | 663.967  | 29.5     | 230             | 1019.017                  | 448.367     | 2276.530  |
| VPR B          | 20     | 30007201570000 | 24.3        | 353       | 1289.135 | 680.663  | 55.8     | 163             | 1364.098                  | 600.203     | 2653.233  |
| VPR B          | 21     | 30007201580000 | 18.5        | 349       | 968.294  | 511.294  | 261      | 0.000           | 0.000                     | 968.294     | 511.294   |
| VPR B          | 22     | 30007201590000 | 32.3        | 339       | 1641.759 | 866.849  | 191      | 0.000           | 0.000                     | 1641.759    | 866.849   |
| VPR B          | 23     | 30007202340000 | 26.5        | 310       | 1230.673 | 649.795  | 198      | 0.000           | 0.000                     | 1230.673    | 649.795   |
| VPR B          | 24     | 30007201600000 | 25.5        | 319       | 1221.933 | 645.180  | 232      | 0.000           | 0.000                     | 1221.933    | 645.180   |
| VPR B          | 25     | 30007200800000 | 30.0        | 335       | 1507.891 | 796.167  | 234      | 0.000           | 0.000                     | 1507.891    | 796.167   |
| VPR B          | 26     | 30007200820000 | 21.0        | 304       | 938.366  | 506.017  | 9.3      | 243             | 337.913                   | 148.682     | 1296.278  |
| VPR B          | 31     | 30007202350000 | 21.3        | 368       | 1173.689 | 619.708  | 45.0     | 212             | 1432.236                  | 630.184     | 2605.925  |
| VPR B          | 32     | 30007202360000 | 19.8        | 331       | 980.233  | 517.563  | 299      | 0.000           | 0.000                     | 980.233     | 517.563   |
| VPR B          | 33     | 30007202370000 | 23.5        | 364       | 1283.330 | 677.598  | 41.0     | 201             | 1236.892                  | 544.232     | 2520.222  |
| VPR B          | 34     | 30007202380000 | 21.0        | 393       | 1239.792 | 654.610  | 32.5     | 194             | 948.498                   | 417.339     | 2188.290  |
| VPR B          | 35     | 30007202390000 | 7.9         | 305       | 361.756  | 191.007  | 14.3     | 241             | 516.942                   | 227.454     | 160.695   |
| VPR B          | 37     | 30007202400000 | 20.8        | 366       | 1138.297 | 601.021  | 262      | 0.000           | 0.000                     | 1138.297    | 601.021   |
| VPR B          | 38     | 30007202480000 | 23.5        | 340       | 1199.604 | 633.391  | 10.5     | 250             | 394.478                   | 173.570     | 1594.082  |
| VPR B          | 39     | 30007202830000 | 18.0        | 376       | 1016.965 | 536.957  | 13.5     | 214             | 433.018                   | 190.528     | 149.983   |
| VPR B          | 40     | 30007202840000 | 12.5        | 345       | 647.880  | 342.081  | 7.5      | 205             | 250.403                   | 878.283     | 727.485   |
|                |        |                |             |           |          |          |          |                 | 101.377                   |             |           |

VPR Castle Rock Park GIP / EUR / Drainage Area

| Tonnage Factor |         | Gas Content    |          | 316            |                     | LVIEW 2Q09 Gross           |          | EQUIV.  |              |
|----------------|---------|----------------|----------|----------------|---------------------|----------------------------|----------|---------|--------------|
| Area           | 80      | Ym RE          | 0.60     | Rt RE          | 0.50                | Comp. Eff                  | 0.88     | REC.    | Drainage     |
| Well Name      | Well #  | API number     | NET COAL | V <sub>m</sub> | V <sub>m</sub> Bulk | V <sub>m</sub> Gas Content | Rt       | Rt OGIP | Vol. EUR     |
| VPR D          | 1       | 30007201710000 | 13.8     | 298            | 615.343             | 324.901                    | Net Coal | 80 a.c. | Total Equiv. |
| VPR D          | 2       | 30007201720000 | 21.0     | 409            | 1290.052            | 681.147                    | t(1)     | (MMscf) | Feet of Coal |
| VPR D          | 3       | 30007201730000 | 19.0     | 363            | 1035.477            | 546.732                    | (MMscf)  | (MMscf) | @316scf (ft) |
| VPR D          | 4       | 30007201740000 | 20.5     | 344            | 1059.085            | 559.197                    | t(1)     | t(1)    | 13.0         |
| VPR D          | 5 & ST  | 30007201920000 | 26.3     | 367            | 1450.538            | 765.778                    | 0.000    | 0.000   | 79.245       |
| VPR D          | 6 & ST  | 30007201930000 | 37.4     | 324            | 1820.214            | 961.073                    | 0.000    | 0.000   | 155.636      |
| VPR D          | 7 & ST  | 30007201750000 | 29.9     | 318            | 1428.650            | 754.327                    | 0.000    | 0.000   | 207.850      |
| VPR D          | 8 & ST  | 30007201760000 | 24.7     | 328            | 1217.415            | 642.795                    | 0.000    | 0.000   | 270.420      |
| VPR D          | 9       | 30007201770000 | 25.8     | 329            | 1272.123            | 671.681                    | 0.000    | 0.000   | 261.200      |
| VPR D          | 10 & ST | 30007201780000 | 26.6     | 355            | 1417.892            | 748.647                    | 0.000    | 0.000   | 105.6        |
| VPR D          | 11 & ST | 30007201440000 | 33.2     | 336            | 1672.254            | 883.478                    | 10.0     | 102.876 | 149.209      |
| VPR D          | 12 & ST | 30007201450000 | 52.3     | 286            | 2247.449            | 1186.653                   | 0.000    | 0.000   | 81.976       |
| VPR D          | 13      | 30007201790000 | 19.0     | 296            | 844.012             | 445.639                    | 0.000    | 0.000   | 122.3        |
| VPR D          | 14      | 30007201800000 | 22.0     | 361            | 1192.690            | 629.740                    | 11.8     | 296.430 | 123.7        |
| VPR D          | 15      | 30007201460000 | 23.3     | 333            | 1162.368            | 613.836                    | 15.5     | 0.000   | 105.7        |
| VPR D          | 16      | 30007201470000 | 28.0     | 308            | 1386.101            | 731.862                    | 127      | 0.000   | 96.073       |
| VPR D          | 17      | 30007201480000 | 24.3     | 308            | 1122.703            | 592.787                    | 128      | 0.000   | 105.327      |
| VPR D - (Q)    | 18      | 30007201950000 | 32.3     | 334            | 1614.534            | 832.474                    | 149      | 0.000   | 85.767       |
| VPR D          | 19      | 30007201490000 | 21.6     | 327            | 1058.553            | 538.810                    | 129      | 0.000   | 105.853      |
| VPR D - (91-2) | 20      | 30007201080000 | 23.5     | 330            | 1164.910            | 615.072                    | 172      | 0.000   | 116.491      |
| VPR D - (90-3) | 21      | 30007201600000 | 16.5     | 330            | 816.488             | 431.106                    | 136      | 0.000   | 138.610      |
| VPR D          | 22      | 30007201500000 | 20.3     | 355            | 1077.488            | 568.914                    | 141      | 0.000   | 107.488      |
| VPR D          | 23      | 30007201510000 | 20.0     | 318            | 955.244             | 504.369                    | 149      | 0.000   | 955.244      |
| VPR D - (91-1) | 24      | 30007201070000 | 27.5     | 339            | 1398.656            | 738.490                    | 164      | 0.000   | 1398.656     |
| VPR D          | 27      | 30007201520000 | 21.3     | 321            | 1024.536            | 540.955                    | 104      | 0.000   | 1024.536     |
| VPR D          | 28      | 30007202640000 | 15.8     | 253            | 597.649             | 315.558                    | 57       | 0.000   | 597.649      |
| VPR D          | 29      | 30007202650000 | 29.9     | 256            | 1147.879            | 606.080                    | 27       | 0.000   | 1147.879     |
| VPR D          | 30      | 30007202760000 | 14.0     | 322            | 675.596             | 336.715                    | 13.8     | 468.328 | 206.064      |
| VPR D          | 31      | 30007202110000 | 15.3     | 316            | 723.313             | 382.015                    | 190      | 0.000   | 723.313      |
| VPR D          | 32      | 30007202120000 | 18.8     | 299            | 841.251             | 444.180                    | 199      | 0.000   | 841.251      |
| VPR D          | 33      | 30007202130000 | 19.3     | 355            | 1025.662            | 541.549                    | 214      | 0.000   | 1025.662     |
| VPR D          | 34      | 30007202140000 | 24.8     | 331            | 1229.741            | 649.303                    | 223      | 0.000   | 1229.741     |
| VPR D          | 35      | 30007202150000 | 17.8     | 344            | 916.591             | 483.960                    | 249      | 0.000   | 916.591      |
| VPR D          | 36      | 30007202160000 | 34.0     | 351            | 1789.806            | 944.912                    | 251      | 0.000   | 1789.806     |
| VPR D          | 37      | 30007202890000 | 31.0     | 309            | 1435.658            | 738.027                    | 68       | 0.000   | 1435.658     |
| VPR D          | 38      | 30007202170000 | 18.5     | 349            | 969.697             | 512.000                    | 201      | 0.000   | 969.697      |
| VPR D          | 39      | 30007202180000 | 25.0     | 361            | 1355.327            | 715.613                    | 234      | 0.000   | 1355.327     |
| VPR D          | 40      | 30007202190000 | 31.0     | 348            | 1617.967            | 854.287                    | 229      | 0.000   | 1617.967     |

Log Prob Chart

Castle Rock Park New Mexico



Cumulative Probability >>>

