

| Summary Table 1                            |                                 |             | Summary Table 2                            |                                              |                          |                                                 |                            |
|--------------------------------------------|---------------------------------|-------------|--------------------------------------------|----------------------------------------------|--------------------------|-------------------------------------------------|----------------------------|
|                                            |                                 |             | Model Period (years)                       | 700                                          |                          |                                                 |                            |
| Applicant Name                             | Shawn Shaffer                   |             | Applicant Name                             | Shawn Shaffer                                |                          |                                                 |                            |
| Case No. or Receipt No.                    | N/A                             |             | Case No. or Receipt No.                    | N/A                                          |                          |                                                 |                            |
| Number of Years of Pumping                 | 300                             |             | Number of Years of Pumping                 | 300                                          |                          |                                                 |                            |
| Pumping Rate (ac-ft/yr)                    | 1.85                            |             | Pumping Rate (ac-ft/yr)                    | 1.85                                         |                          |                                                 |                            |
| Total Volume (ac-ft)                       | 555                             |             | Total Volume (ac-ft)                       | 555                                          |                          |                                                 |                            |
| Legal for All Sections                     | SEC 15 T11S R65W                |             | Legal for All Sections                     | SEC 15 T11S R65W                             |                          |                                                 |                            |
| Model                                      | DA02                            |             | Model                                      | DA02                                         |                          |                                                 |                            |
| Aquifer                                    | DAWSON                          |             | Aquifer                                    | DAWSON                                       |                          |                                                 |                            |
| 100th Year Stream Depletion                |                                 |             | Maximum Stream Depletion                   |                                              |                          |                                                 |                            |
| Streams                                    | 100th Year Depletion (ac-ft/yr) | q/Q (%)     | Streams                                    | Max.Depletion during model period (ac-ft/yr) | Year during model period | Max. Depletion during pumping period (ac-ft/yr) | Year during pumping period |
| MONUMENT                                   | 0.01                            | 0.42        | MONUMENT                                   | 0.05                                         | 410                      | 0.04                                            | 300                        |
| EAST PLUM-W&E BRANCH                       | 0.00                            | 0.01        | EAST PLUM-W&E BRANCH                       | 0.03                                         | 740                      | 0.01                                            | 300                        |
| RUNNING CREEK                              | 0.00                            | 0.01        | RUNNING CREEK                              | 0.01                                         | 575                      | 0.00                                            | 300                        |
| WEST CHERRY                                | 0.02                            | 0.99        | WEST CHERRY                                | 0.07                                         | 340                      | 0.06                                            | 300                        |
| EAST CHERRY                                | 0.06                            | 3.14        | EAST CHERRY                                | 0.11                                         | 300                      | 0.11                                            | 300                        |
| CHERRY                                     | 0.00                            | 0.10        | CHERRY                                     | 0.03                                         | 510                      | 0.02                                            | 300                        |
| KIOWA                                      | 0.01                            | 0.58        | KIOWA                                      | 0.06                                         | 390                      | 0.05                                            | 300                        |
| KETTLE                                     | 0.00                            | 0.19        | KETTLE                                     | 0.02                                         | 360                      | 0.02                                            | 300                        |
| SAND-DIV2                                  | 0.00                            | 0.17        | SAND-DIV2                                  | 0.04                                         | 430                      | 0.03                                            | 300                        |
| BIG SANDY                                  | 0.00                            | 0.00        | BIG SANDY                                  | 0.00                                         | 1000                     | 0.00                                            | 300                        |
| BLACK SQUIRREL-UBSCDB                      | 0.00                            | 0.01        | BLACK SQUIRREL-UBSCDB                      | 0.01                                         | 535                      | 0.00                                            | 300                        |
| <b>Total</b>                               | <b>0.10</b>                     | <b>5.62</b> | <b>Total</b>                               | <b>0.36</b>                                  | <b>360</b>               | <b>0.35</b>                                     | <b>300</b>                 |
| South Platte (No Designated Basin Streams) | 0.08                            | 4.25        | South Platte (No Designated Basin Streams) | 0.21                                         | 300                      | 0.21                                            | 300                        |
| Arkansas (No Designated Basin Streams)     | 0.01                            | 0.78        | Arkansas (No Designated Basin Streams)     | 0.10                                         | 410                      | 0.09                                            | 300                        |
| Designated Basin                           | 0.01                            | 0.59        | Designated Basin                           | 0.06                                         | 410                      | 0.05                                            | 300                        |

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Values for 'Depletion as a % of Pumping' (q/Q) are not calculated when the pumping rate (Q) is changed to anything but zero