## **ICE Table Practice Problem #2**

In the following reaction,  $K_{eq} = 9.3 \times 10^{-7}$  at room temp. Calculate the equilibrium concentration of N2O4 in a flask initially containing only 3.00 M of NO<sub>2</sub>

$$2 \text{ NO}_{2(g)} \rightarrow \text{N}_2\text{O}_{4(g)}$$

| Rxn    | 2 NO <sub>2(g)</sub> - | → N <sub>2</sub> O <sub>4(g)</sub> |
|--------|------------------------|------------------------------------|
| I      |                        |                                    |
| С      |                        |                                    |
| E      |                        |                                    |
| 5%     |                        |                                    |
| Answer |                        |                                    |

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