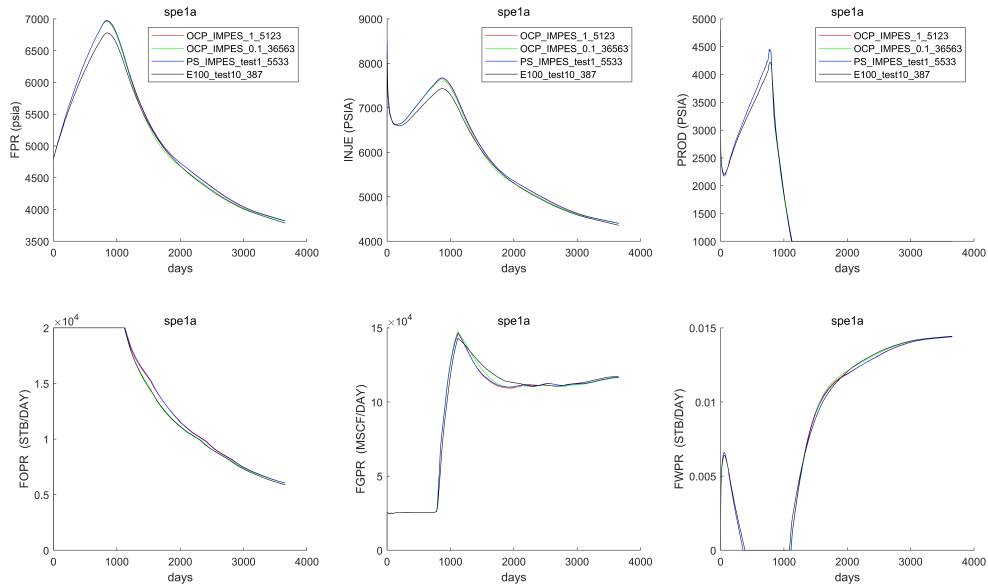


SPE1A



PS_IMPES_1

Final time: 3655.5 Days
Total time steps: 5533
Total nonlin steps: 5533
Total linear steps: 8828
Linear solver time: 0.932773s
Simulation time: 2.44659s

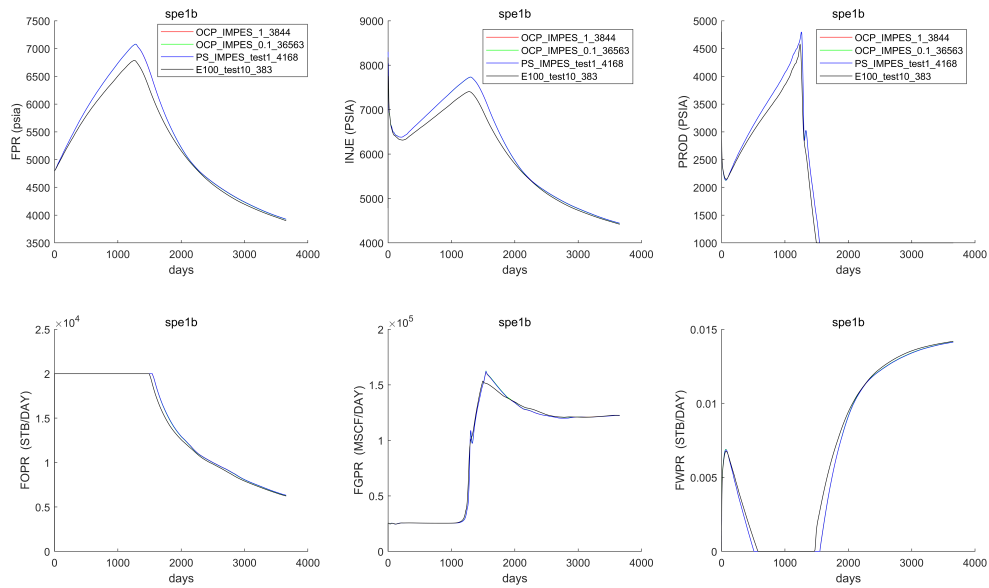
OCP_IMPES_1

Final time: 3655.500 Days
Total time steps: 5123
Simulation time: 1.385s
Total linear steps: 8300
Linear solve time: 0.839s (60.582%)

OCP_IMPES_0.1

Final time: 3655.500 Days
Total time steps: 36563
Simulation time: 8.043s
Total linear steps: 36621
Linear solve time: 4.380s (54.456%)

SPE1B



PS_IMPES_1

Final time: 3655.5 Days
Total time steps: 4168
Total nonlin steps: 4168
Total linear steps: 7601
Linear solver time: 0.824397s
simulation time: 1.99241s

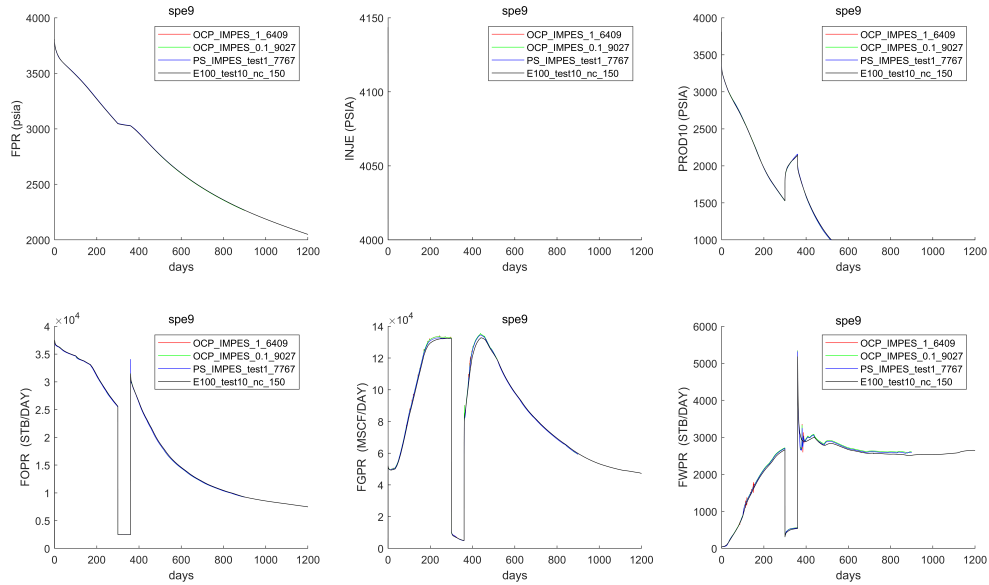
OCP_IMPES_1

Final time: 3655.500 Days
Total time steps: 3844
simulation time: 1.064s
Total linear steps: 7218
Linear solve time: 0.664s (62.400%)

OCP_IMPES_0.1

Final time: 3655.500 Days
Total time steps: 36563
simulation time: 7.516s
Total linear steps: 36621
Linear solve time: 3.914s (52.078%)

SPE9



PS_IMPES_1

Final time: 900 Days
Total time steps: 7767
Total nonlin steps: 7767
Total linear steps: 12465
Linear solver time: 57.9099s
Simulation time: 276.62s

OCP_IMPES_1

Final time: 900.000 Days
Total time steps: 6409
Simulation time: 77.619s
Total linear steps: 9057
Linear solve time: 50.178s (64.647%)

OCP_IMPES_0.1

Final time: 900.000 Days
Total time steps: 9027
Simulation time: 101.900s
Total linear steps: 11555
Linear solve time: 63.668s (62.481%)