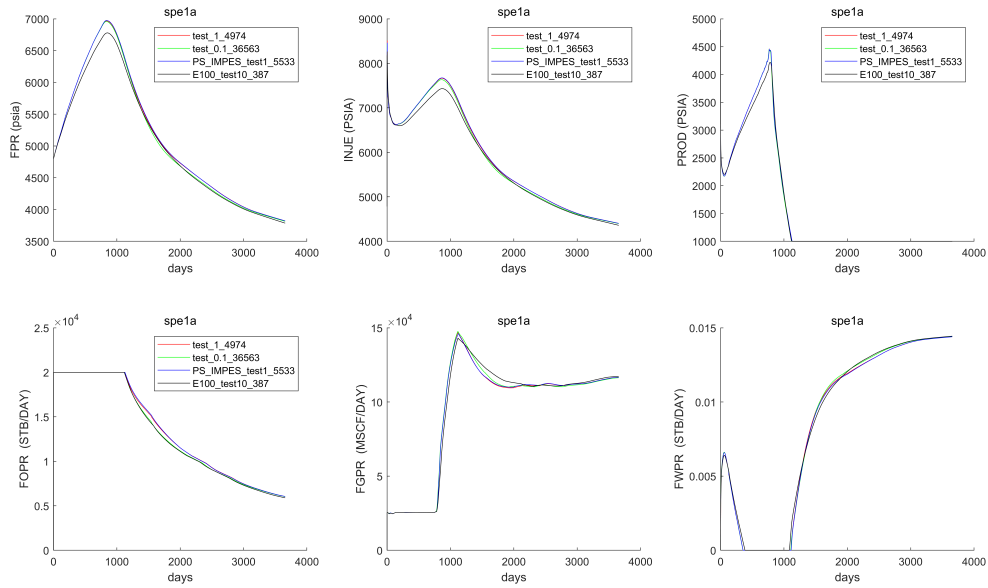


SPE1A



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

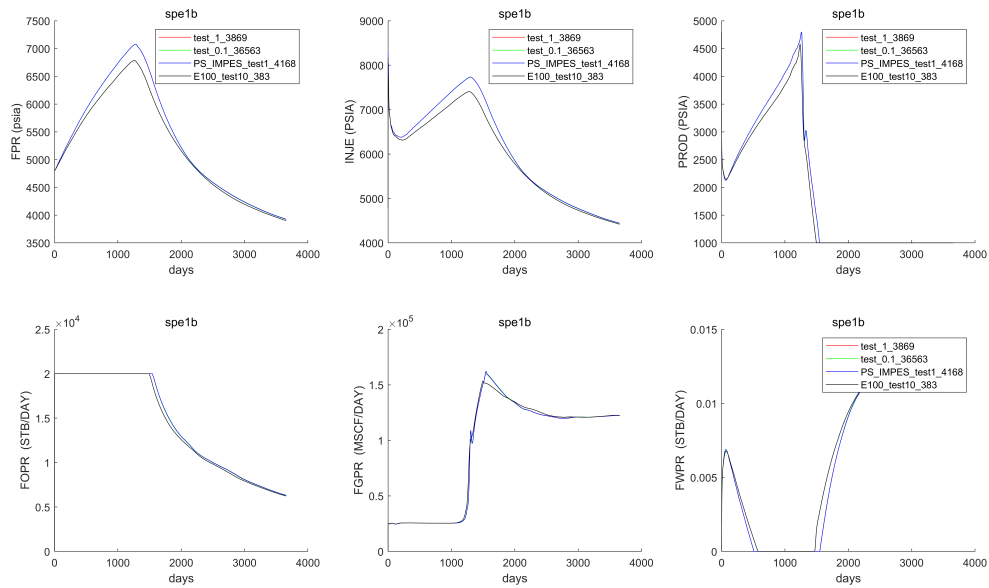
OCP_IMPES_1

Final time: 3655.500 Days
Total time steps: 4974
Simulation time: 1.346s
Total linear steps: 8119
Linear solve time: 0.829s (61.615%)

OCP_IMPES_0.1

Final time: 3655.500 Days
Total time steps: 36563
Simulation time: 8.056s
Total linear steps: 36621
Linear solve time: 4.429s (54.975%)

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

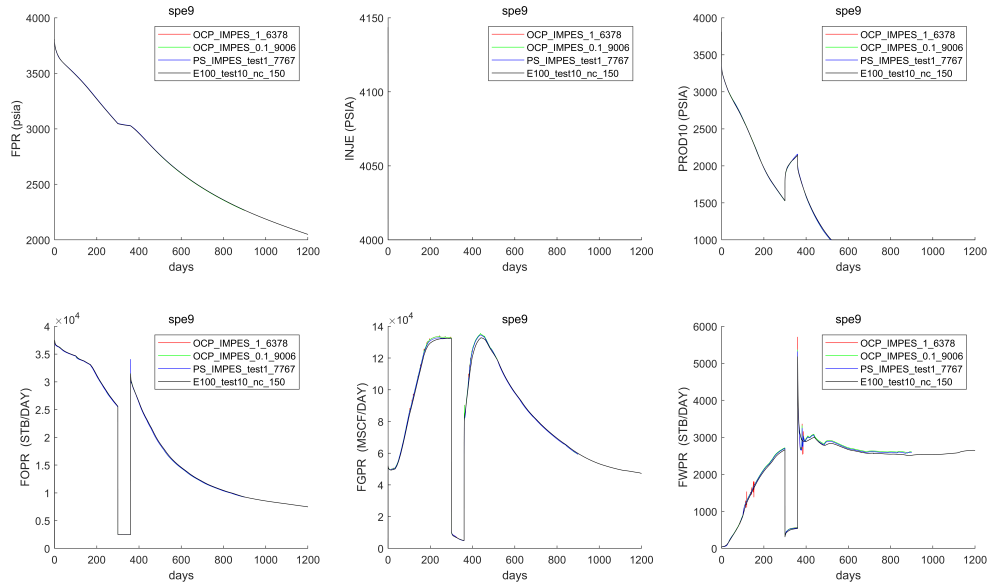
OCP_IMPES_1

Final time: 3655.500 Days
 Total time steps: 3869
 simulation time: 1.077s
 Total linear steps: 7229
 Linear solve time: 0.683s (63.399%)

OCP_IMPES_0.1

Final time: 3655.500 Days
 Total time steps: 36563
 simulation time: 7.540s
 Total linear steps: 36621
 Linear solve time: 4.009s (53.175%)

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: 6378
 Simulation time: 77.808s
 Total linear steps: 9039
 Linear solve time: 50.493s (64.894%)

OCP_IMPES_0.1

Final time: 900.000 Days
 Total time steps: 9006
 Simulation time: 102.030s
 Total linear steps: 11621
 Linear solve time: 64.911s (63.619%)