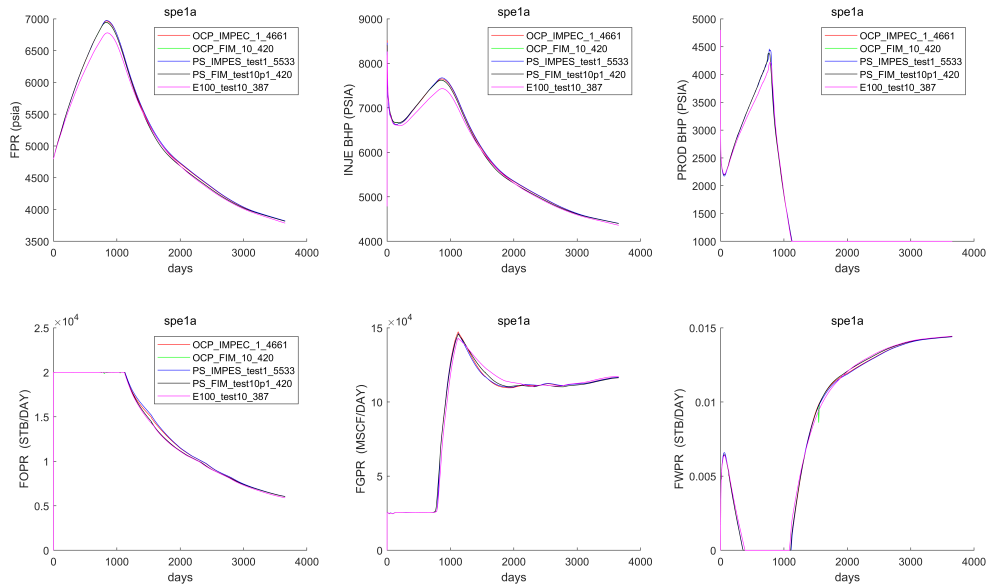


SPE1A



PS_IMPEC_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_IMPEC_1

Final time: 3655.500 Days
Total time steps: 4661
Total Newton steps: 4712
Wasted Newton steps: 0
Simulation time: 1.319s
Total linear steps: 7884
Linear solve time: 0.785s (59.509%)

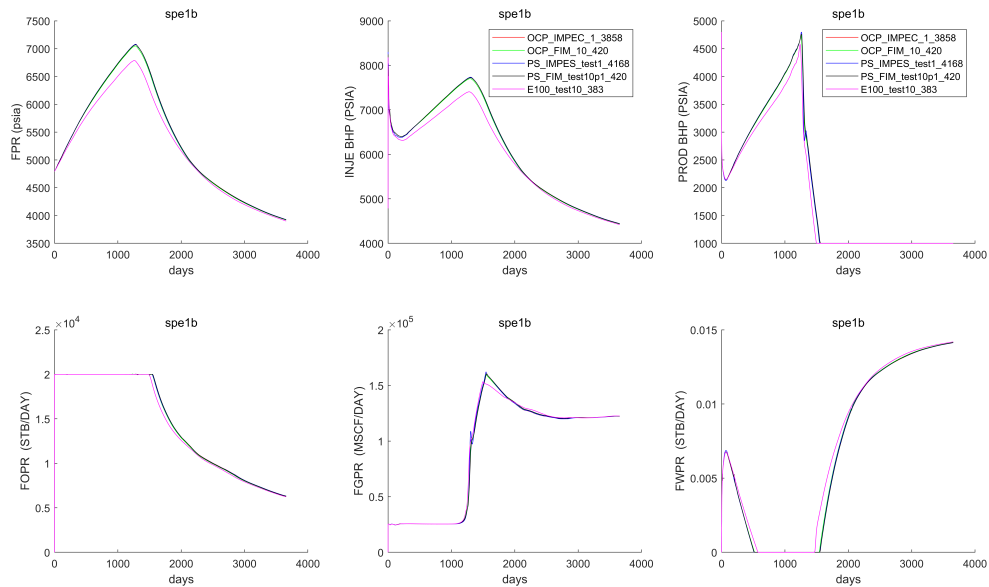
PS_FIM_10

Final time: 3655.5 Days
Total time steps: 420
Total Newton steps: 434
Wasted Newton steps: 1
Total linear steps: 1235
Linear solver time: 3.62965s
Simulation time: 4.08421s

OCP_FIM_10

Final time: 3655.500 Days
Total time steps: 420
Total Newton steps: 479
wasted Newton steps: 1
Simulation time: 5.337s
Total linear steps: 1428
Linear solve time: 5.047s (94.567%)

SPE1B



PS_IMPEC_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_IMPEC_1

Final time: 3655.500 Days
Total time steps: 3858
Total Newton steps: 3877
wasted Newton steps: 0
Simulation time: 1.095s
Total linear steps: 7250
Linear solve time: 0.664s (60.650%)

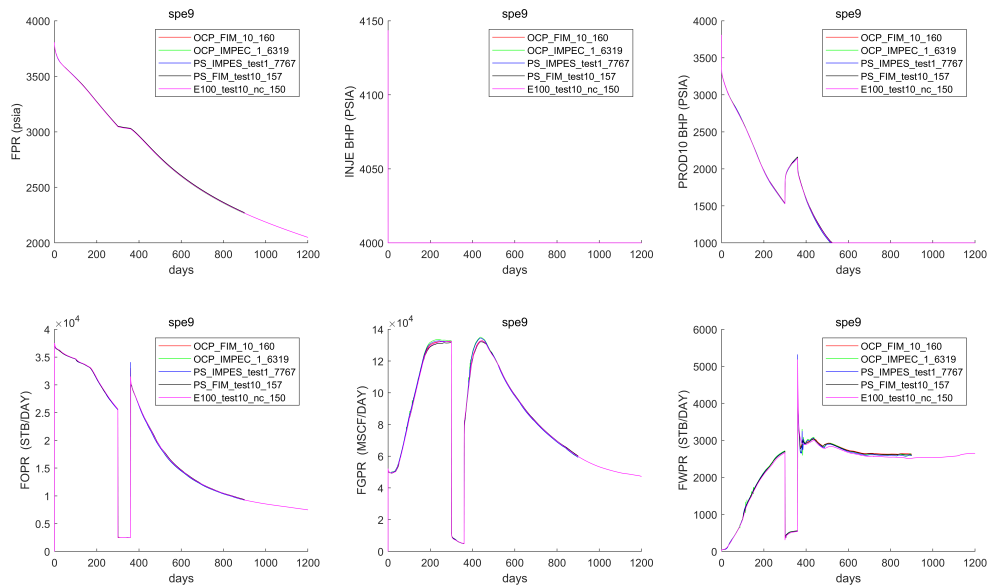
PS_FIM_10

Final time: 3655.5 Days
Total time steps: 420
Total Newton steps: 437
wasted Newton steps: 1
Total linear steps: 1212
Linear solver time: 2.6363s
Simulation time: 3.08908s

OCP_FIM_10

Final time: 3655.500 Days
Total time steps: 420
Total Newton steps: 507
wasted Newton steps: 1
Simulation time: 3.766s
Total linear steps: 1507
Linear solve time: 3.469s (92.131%)

SPE9



PS_IMEPS_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: 6319
Total Newton steps: 6361
Wasted Newton steps: 0
Simulation time: 78.143s
Total linear steps: 8884
Linear solve time: 49.646s (63.533%)

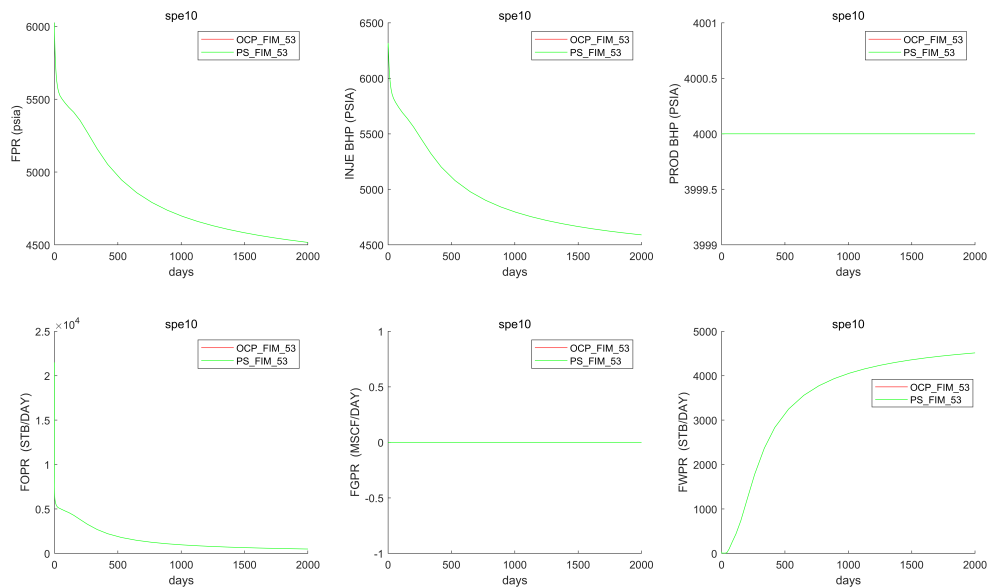
PS_FIM_10

Final time: 900 Days
Total time steps: 157
Total Newton steps: 216
Wasted Newton steps: 53
Total linear steps: 1061
Linear solver time: 12.3944s
Simulation time: 27.515s

OCP_FIM_10

Final time: 900.000 Days
Total time steps: 160
Total Newton steps: 222
Wasted Newton steps: 63
Simulation time: 19.938s
Total linear steps: 1112
Linear solve time: 13.269s (66.553%)

SPE10



PS_FIM

Final time: 2000 Days
Total time steps: 53
Total Newton steps: 215

wasted Newton steps: 5
Total linear steps: 1305
Linear solver time: 1413.86s
simulation time: 2905.24s

OCP_FIM

Final time: 2000.000 Days
Total time steps: 53
Total Newton steps: 217
wasted Newton steps: 5
Simulation time: 1937.163s
Total linear steps: 1334
Linear solve time: 1463.019s (75.524%)