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:   5617
Simulation time:    1.871s
Total linear steps: 21130
Linear solve time:  1.303s (69.620%)


OCP_IMPES_0.1

Final time:         3655.500 Days
Total time steps:   36563
Simulation time:    10.286s
Total linear steps: 109617
Linear solve time:  6.631s (64.462%)
```
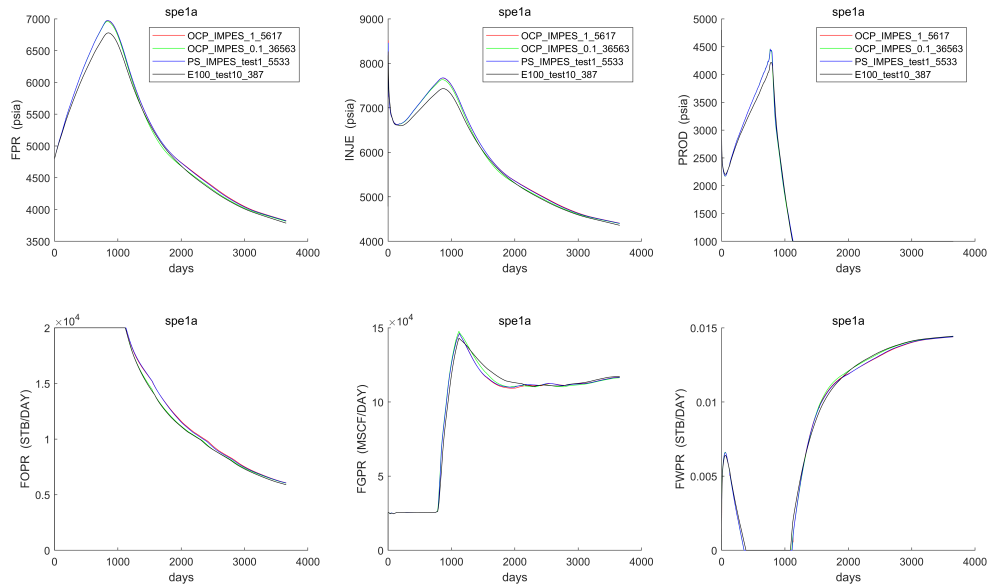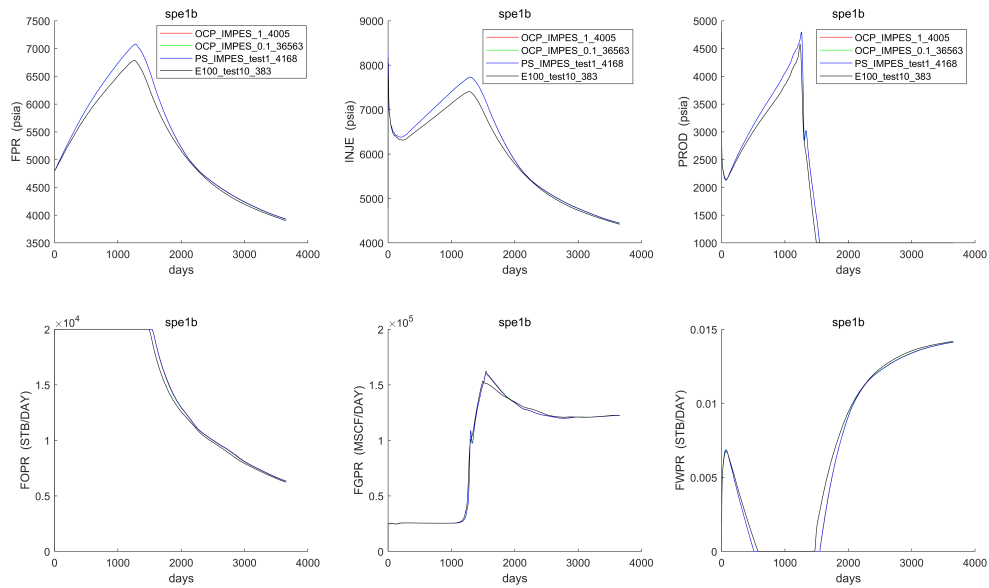
SPE1B


```
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:    4005
Simulation time:     1.389s
Total linear steps:  15771
Linear solve time:   0.988s (71.098%)


OCP_IMPES_0.1


Final time:          3655.500 Days
Total time steps:    36563
Simulation time:     9.391s
Total linear steps:  109444
Linear solve time:   5.874s (62.545%)
```
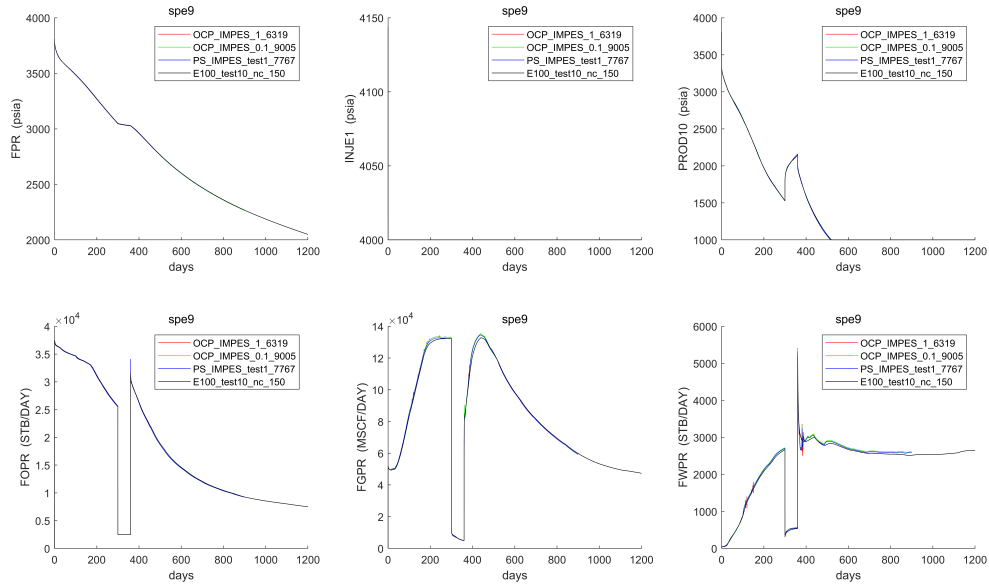
SPE9


```
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
Simulation time:     92.793s
Total linear steps:  24527
Linear solve time:   66.269s (71.416%)


OCP_IMPES_0.1

Final time:          900.000 Days
Total time steps:    9005
Simulation time:     123.841s
Total linear steps:  32156
Linear solve time:   85.895s (69.359%)
```