

## True Successes

# Water Injection Well Rates Increase Tenfold with the Application of PC-410

### Challenge

Injection pressures were increasing while injection rates were falling on a water injection well. The second injection pump was failing as a result of high pressures.

### Solution

Well samples were collected from the tubing and tested in the lab, the addition of PC-410 which is a paraffin/asphaltene dispersant/solvent proved to be very effective at breaking down and dissolving the solids sample.

PC-410 was started at 15 liters per day for 2200 m<sup>3</sup> until improvements were realized; the rate was then decreased to 10 liters per day.

### Benefit

After approximately two months the well had stabilized enough that the customer was able to start running the second injection pump without incident. Prior to the addition of PC-410 the injection pump pressure was 800 psi, it has now decreased to 600 psi.

The application of PC-410 has increased the injection rate from 50 m<sup>3</sup>/day to 500 m<sup>3</sup>/day.

Formation

Rosary

PureChem Products

PC-410

