

# CONCENTRATED CHAINBREAKER MICROBE BLEND

## CASE HISTORY of Pipeline

### BEFORE TREATMENT:

4" 100 mile (160 km) pipeline that produced 300m<sup>3</sup> (1886 barrels) per day of oil from halfway formation into a 10,000 barrel tank. Pipeline was allowed .05% water.

- Hard Paraffin wax in Pig barrel.
- Pigs would get stuck in pipeline have to excavate and cut out. Very expensive process.
- Push all the hard paraffin wax into 10,000 barrel tank, had to clean out tank with steamers and vac trucks another expensive process.

### AFTER TREATMENT:

- Continuous injection of 30ltr (8 gallons) per day.
- Paraffin wax in pig barrel was soft and supple.
- Pigs would not get stuck in 100 mile pipeline anymore.
- All the paraffin wax in 10,000 barrel tank disappeared and when they went into tank to clean, all they used was a squeegee. There was no hard paraffin.
- Water was entrained in the paraffin wax so the ChainBreaker microbes broke down the paraffin and all that was left was water. wellbore damage in a cost effective and environmentally friendly manner.