Conclusions

- A well test can be replaced by a wireline formation test if the objectives of the well test can be met by the wireline formation test.
- In lower permeability reservoirs (mobilities less than about 100 mD/cp), the quality of data recorded by wireline formation test tools is suitable for pressure transient interpretation. In higher permeability, the resolution of the pressure gauge limits the quality of the data often precluding transient analysis and the FRA method then provides the best estimate of mobility.