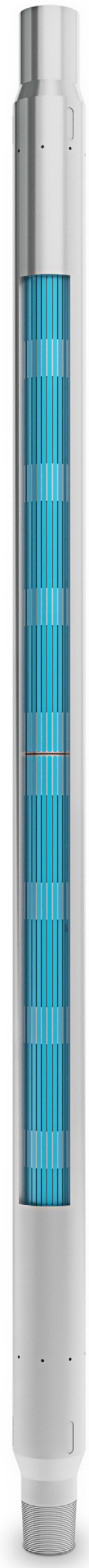
i-Trace IV

RESMAN wireless reservoir surveillance technology is a means of obtaining reservoir data without risky interventions or costly modifications to the completion hardware. RESMAN intelligent tracer technology consists of engineered polymers that look similar to plastic, and are designed to release a unique chemical fingerprint when contacted by the target fluid (oil or water). A wide selection of intelligent tracers are available to integrate into the completion, which are placed at strategic locations across the reservoir with our specially designed carrier, i-Trace. The inner ventilated i-Trace allows the operator to obtain surveillance information from anywhere across the completion without risk.



Features
- Designed per liner spec for the planned completion
- Available in standard service material or high alloys as required, according to completion design
- Run as part of the completion with pre-installed water and/or oil tracer systems
- Simple and robust design

Benefits
- Cost-effective tracer deployment
- Suitable for multiple applications, and surveillance purposes
- Offers long term monitoring
- Eliminates the need for intervention
- Reliable carrier system with low risk

Applications
- Identify mud cake clean up efficiency
- Identify production profile as the well evolves (up to 5 year longevity)
- Identify water breakthrough
- Optimize waterflood strategy
- Optimize stimulation efficiency

Technical Data

i-Trace IV	OD in. (mm)	ID* in. (mm)	Tensile* lbf(daN)	Burst Pressure* psi (kPa)	Collapse Pressure* psi (kPa)	Temperature °F (°C)
EZ-106925	5.75 (146.05)	3.833 (97.358)	310.000 (137.895)	8.400 (58.000)	8.400 (57.916)	350 (177)
EZ-123633	7.00 (177.80)	4.563 (155.900)	per connection	per connection	per connection	350 (177)
EZ-195077	6.50 (165.10)	4.151 (105.435)	per connection	per connection	per connection	350 (177)
EZ-180842	5.70 (144.78)	3.795 (96.393)	per connection	per connection	per connection	350 (177)

*Table shows examples of how the i-Trace IV can be manufactured
Other sizes can be manufactured to meet the completion design and requirements