Mature Assets Production Enhancement

Do you know that an absolute fortune is lost in early mature assets abandonment (on land and offshore), particularly during today’s low oil price where expensive to operate assets (such as old platforms and sub-sea fields) are being abandoned prematurely?

In part, the reasons are because Operators want to be rid of these high OPEX assets; in part it’s because insufficient work has been carried out to fully exploit the reservoirs.

IDEAS was recently part of a team which identified 956 million boe throughout an Operator’s portfolio through studying each field to identify trapped reserves and ways in which these reserves could be produced.

The assets ranged from old platforms such as the one below –

Old Production Asset
- through to sub-sea assets and land-based assets.

Typical Asset Percentages

Primary Production - 10 to 28%
Secondary Recovery - 10 to 20%
(Waterflooding)
Tertiary Potential

Typical solutions were based upon the following areas:-

- 4-D Quantitative Visualisation
- Standard side-tracks
- Slim-hole side-tracks
- Coiled tubing clean-out
- Coiled tubing acidisation
- Intervention
- Acidising
- Fracking