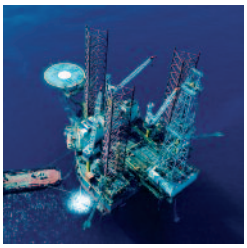
Geoservices

Mud Logging
Field Surveillance
Well Intervention

GEM-Line



One unit, one crew for both slickline and SRO operations

A single unit to perform SRO and slickline operations saved rig time and reduced operational risks on a onshore PT gradient survey.

PROJECT:

To test four zones in a dual completion well with 4 packers and 5 Sliding Sleeves Doors (SSD) via a pressure and temperature gradient survey.

CHALLENGE:

To combine slickline operations with surface read-out capability while keeping a low footprint and reducing logistics costs.

SOLUTION:

To use Geoservices GEM-Line system to replace both slickline and e-line units.

BENEFITS FOR CLIENTS:

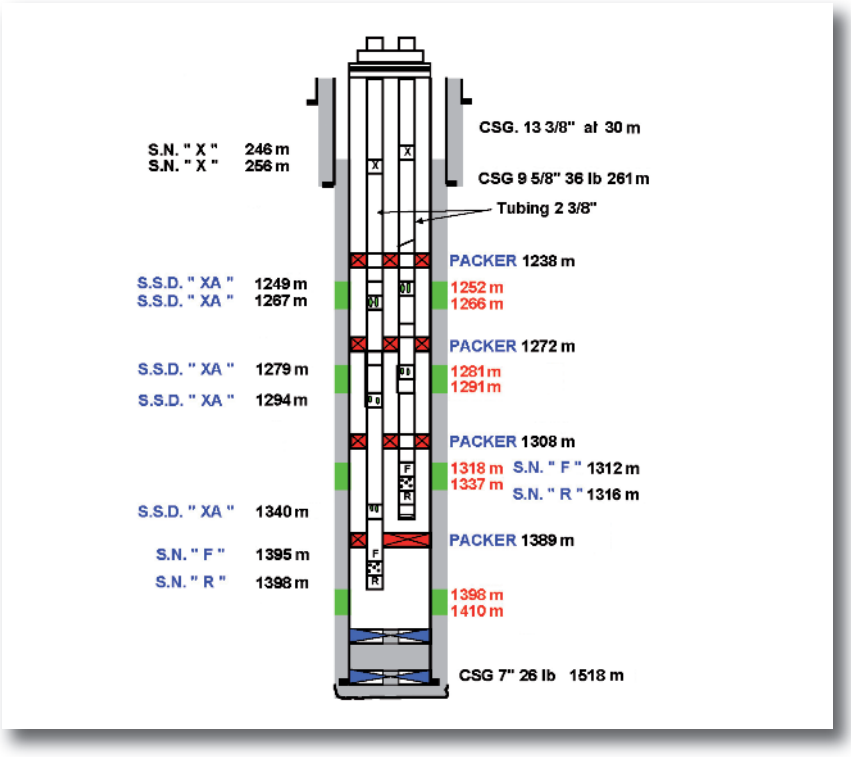
- One unit, one crew for both slickline and SRO operations
- Reduced rig up and ops. time
- Logistical cost savings with reduced headcount
- HSEQ exposure time reduce
- Reduced footprint with less equipment at well site

FACTS:

- 40% reduction in footprint compared to e-line
- Up to 10% time savings
- 50% reduction in headcount in the field
- 30% reduction in man-hour exposure

GEM-Line optimises slickline services

This client usually orders an electric line unit to log its wells, in addition to a slickline unit to prepare the well for logging (running gauge rings, installing plugs, shifting the sliding sleeves). This means extensive logistics, costs and multiplication of potential risks for the success of the operation.



Well completion schematic

Case Study N°20901

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CLIENT COMMENTS:

"Geoservices performance was very efficient and helped us to get reliable data within a short period of time with a saving of operational time"

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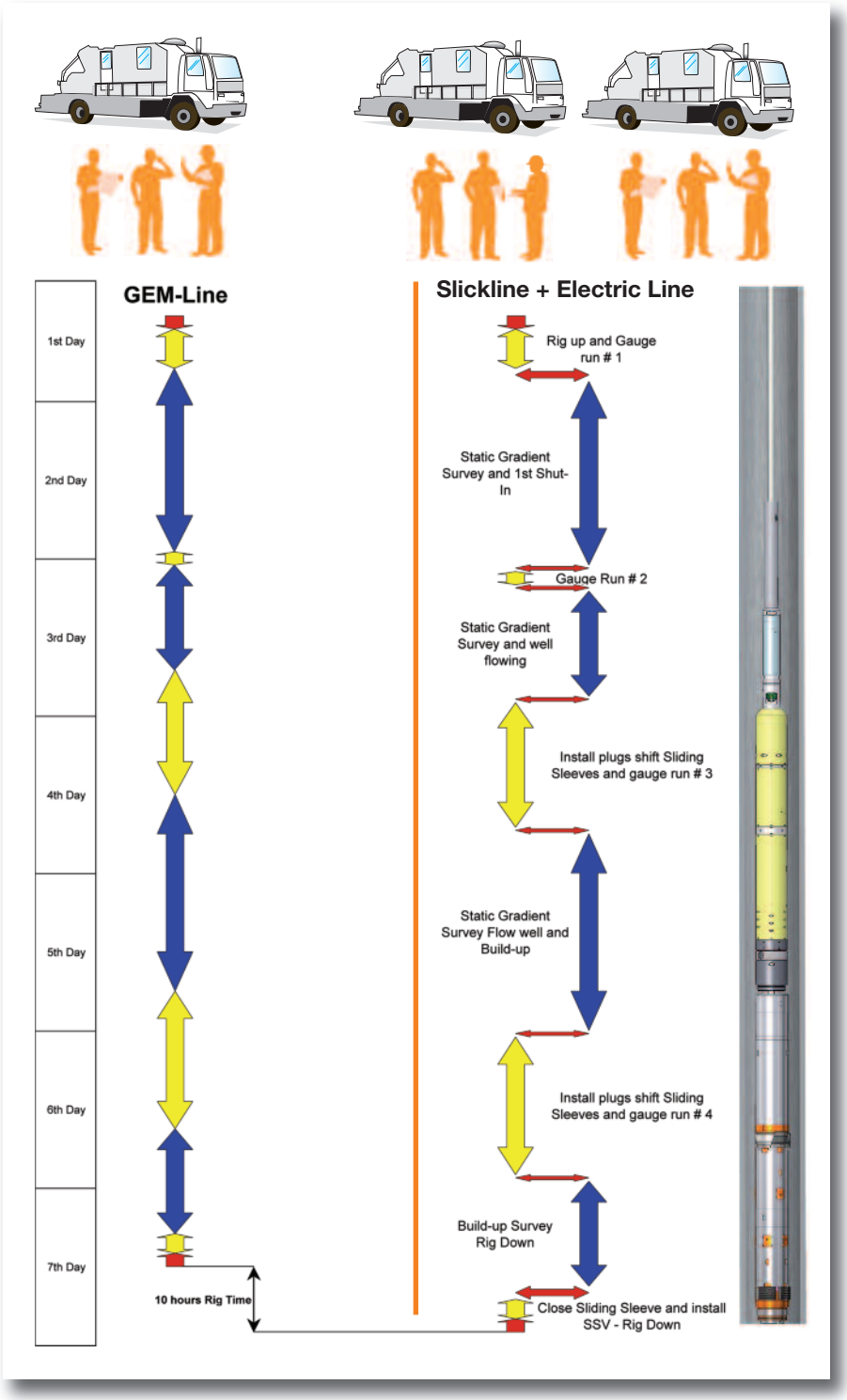
Athanor Communication Paris

Adding value for Well Intervention Operations

This particular job was planned for static gradient, drawdown, and shut-in pressure and temperature surveys for each producing zone.

The GEM-Line was able to perform both traditional slickline and surface read-out operations.



Operation planning comparison between GEM-Line and Slickline+Electric Line units