CASE HISTORY

CLOSE INTERVAL GYRO SURVEYING EXTENDS WELL LIFE & PRODUCTION

APPLICATION
Close Interval Wireline Surveying (Rod Guide Placement and Production Recovery)

TECHNOLOGY
Wireline Keeper Gyro

LOCATION
Eagle Ford (South Texas)

CUSTOMER CHALLENGE
Rod and tubing failures were occurring more frequently on a series of wells, compared to other wells in the same area.

These wells had to be pulled - not only costing the customer between $15,000-$40,000 each time, but also resulted in lost production.

SCIENTIFIC SOLUTION
SDI’s Keeper wireline gyro was utilized to provide very close interval surveying of the client’s wells.

The Keeper was able to provide 5 ft. interval surveys highlighting micro doglegs in the well that were not previously shown due to the long survey spacing the MWD delivers.

CUSTOMER VALUE
The ability to see the micro doglegs enabled better design of the production string including rod guides in critical locations to reduce the side loading.

As a result the well life average of these problematic wells has been extended over 20% - delivering significant cost and time savings, and greatly increased the overall estimated ultimate recovery.