

The HARP™ - High Angle Reciprocating Pump addresses the critical challenge of producing oil, water and gas in aging and deviated horizontal wells with declining fluid levels.

Challenge:

An operator was facing challenges with their horizontal well in the Doig Formation. These challenges were a collection of low fluid levels, and Gas-locking in their conventional reciprocating rod pump, ultimately resulting in unwanted operator downtime and poor efficiencies.

Solution:

The conventional reciprocating rod pump was replaced with a HARP™ and lowered 147m deeper in the well from 20° to 83° inclination.

Results:

- Higher quality fluid at the pump intake.
- Significant increase in fluid and gas production, trending upwards.
- Gas-locking was eliminated, reducing operator downtime.
- Increased pump efficiencies while pumping at higher angles

Result:

HARP™ Install: Hz Doig PUMPING OIL

