

## CASE STUDY



### CHALLENGE:

- Improve injectivity to adjacent wells by accurately isolating a thief zone.

### SOLUTION:

- Utilize Owen Oil Tools X-Span technology, single trip, cost effective system to allow precise isolation in the wellbore.

### RESULTS:

- Successfully deployed & set patch system resulting in positive injection results for adjacent wells.

### OVERVIEW

**Location: Mangala Field (onshore), Rajasthan, India**

**Date: February 2018**

PLT data from a monobore injector well indicated most of the injection was going into a perforated middle sand zone (1,245m – 1257m). Based on performance of Near by producers it was planned to isolate this perforated zone and inject into remaining zones to improve conformance and improve sweep in near by producing wells.

### SOLUTION

Utilise Owen Oil Tools X-Span technology to provide a single trip system to isolate the thief zone with 16 m. 7" GTX-SPAN casing patch.

### RESULTS

The GTX-Span system was successfully deployed on drill pipe and positioned on depth with wireline Gamma Ray & Casing Collar Locator (CCL) tool.

Subsequent PLT's indicated improved injection results for the adjacent wells.

The operator was able to enhance production and avoid a costly work over operation.

