

# ReForm



## ReForm Case History - PNG

### PROBLEM

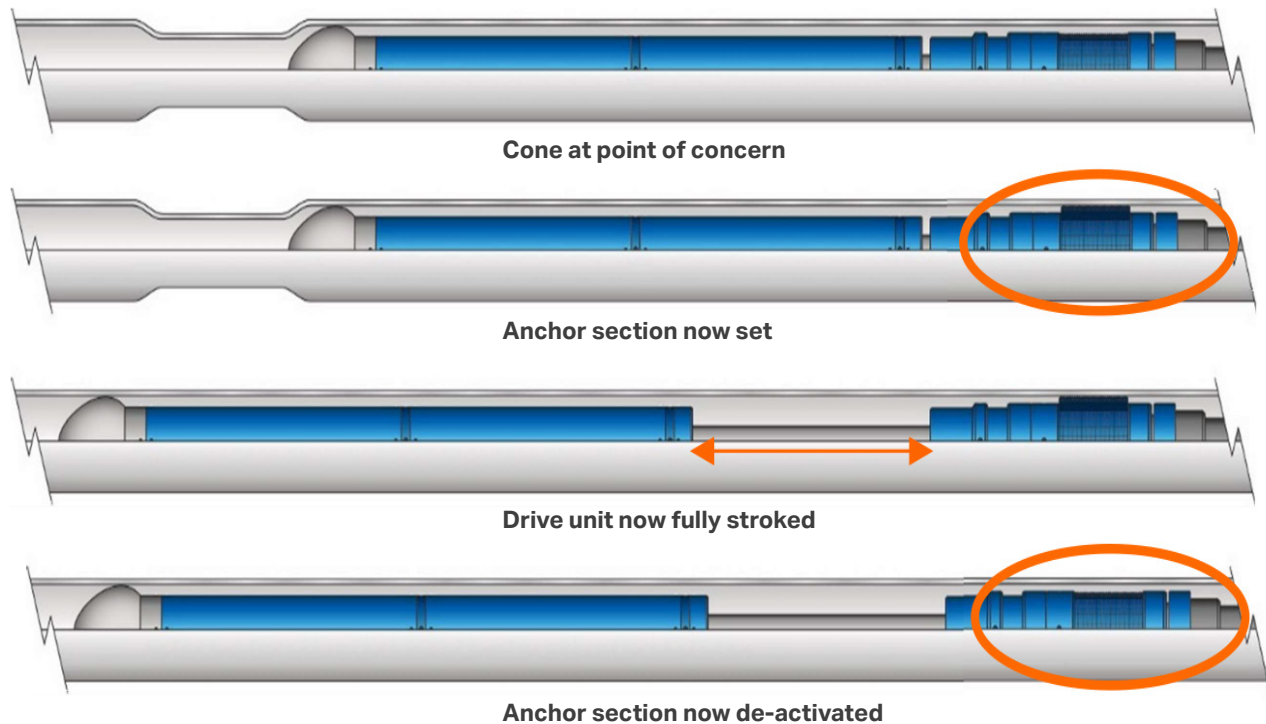
Operator in Papua New Guinea had a shallow tubing collapse, preventing access to the wellbore below. The shallow depth prevented a traditional swaging approach. The objective was to open collapsed 5-1/2" 17# K- 55 LTC tubing ID (without milling), run tubing cutter, cut and pull tubing for abandonment

### SOLUTION

The collapse began at 9m RKB, ~2m below ground level, and was of unknown length. Production packer and/or injection valve was leaking – and due to collapse, wireline intervention could not access below collapse to determine leak path. Corrosion/erosion may have affected the tubing in this area, and the tubing was determined to have collapsed with effectively no gap, "pinched flat" The Coretrax ReForm solution was selected due to its ability to apply upwards of 200,00lbs of surface controlled downward force at the Cone.



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### OPERATION & ACHIEVEMENTS

1. Make up landing joint for ID Anchor to bite
2. Provide removable pressure cup above tool to direct flowback to flowline while tool across BOPs
3. Provide two sizes of drive units for two-pass forming of the tubing (intermediate and full drift) to reduce forces
4. 3.250" and 4.760" Cones selected for compatibility with drive units and cutter pass through requirements
5. Small OD tool was picked up and RIH to top of collapse at 10m -- Stroked with 3.250" Cone
6. Free movement down to 15m, POOH
7. Cutter could not pass, 2-7/8" tubing could not pass
8. Large OD tool picked up and tagged at 10m --Stroked 2x with 4.760" Cone
9. Small OD tool run in and tagged at 17m -- Stroked with 3.250" cone
10. Free travel to 20m
11. Large OD tool run to 17m -- Stroked 2x with 4.760" cone
12. Free travel down to 29m
13. RIH with cutter

### PROJECT DETAILS

Location – Onshore PNG

Well – Producer / planned for Abonnement

System – 5 1/2" ReForm