



## ReStore restores well access for GoM operator

### PROBLEM

Safety valves are essential components of any producing well, although they can often experience issues later in life due to general wear and tear. This can cause the flapper to fail or become stuck closed, halting production.

During a recent project in the Gulf of Mexico, an independent operator had a safety valve malfunction on a producing well. With no control of the flapper valve and no way of hydraulically or mechanically forcing it to stay open, Coretrax's Coretrax ReStore was deployed to remediate the issue. Additionally deformed casing above the SSV provided a wellbore restriction that must be passed

### SOLUTION

Unlike conventional tools, the ReLine WL's slim OD enabled deployment to bypass various ID restrictions to reach the flapper valve. The tool creates a large ID to provide greater access to the wellbore and allow for a maximum production conduit to the surface. The one-trip, rigless device has been developed to allow for stackability which creates a longer, integrated straddle to be deployed, without losing ID.

Once in position at 8,675 ft, the patch was expanded to permanently open the valve, and give full integrity across the SSV, the upper and lower seals could be accurately positioned to give complete isolation. This resulted in full well access, and a large inner diameter so removal of upper completion could be facilitated. When compared to costly and time-consuming traditional milling operations, the ReStore saved the operator an estimated eight hours of rig-time.

### RESULTS

- Slim OD allowed running through wellbore restrictions
- Full well access regained with large ID to provide greater access to wellbore.
- Eliminated the requirement for costly milling operations which can lead to damage of other well components.
- Efficient solution saving around eight hours rig-time.

