



# CX-Max Vax



## Coretrax CX-Max Vax™ recovers significant debris from low fluid wellbore prior to running liner.

The CX-Max Vax™ reverse circulation flow tool successfully recovered significant pieces of debris while run in a low fluid well in the Permian Basin prior to running a 3500 ft. liner.

In late 2019, the tool was run as part of a clean-up string to verify the well bore was clean prior to running a 3500 ft. long liner. The well was typical in the region being a low fluid well, normal practice of conventional circulation of fluid to surface was not possible.

The CX-Max Vax™ verification run proved the well bore was not clean. It's essential the well bore is clean prior to running any liner, any debris left in the well bore has high potential to hinder the liner setting operation. Its notable that several well bore clean up runs had been carried out by another well bore clean up provider and deemed the well bore clean.

Several additional runs with the Max Vax™ tool were carried out until no debris was recovered in the chamber, this final run was the indication needed the well bore was clean and the decision was taken to run the liner.

The liner was run to depth to straddle of old perforations in 5 ½" 20# casing, the liner was positioned and set in the well between 7200 ft.- 10,800 ft. A key indicator that the well bore is clean and free from debris while setting the liner is no excessive overpull is seen while the liner setting operation takes place. No excessive overpull was seen.

Allows debris recovery from low fluid wells or wells with Newtonian fluids in use (fluids with no rheology or gels for transporting and suspending debris out of the well) in the case where the rig has returns but crap hydraulics.

Coretrax market and supply an array of sizes of the Max Vax™ reverse circulation flow tools including other complementing WBCU accessories for us in multiple applications.

### BENEFITS

- Various sizes available, modular design allows for additional debris chambers to be added
- Allows debris recovery from low fluid wells
- Ideal for debris recovery in Newtonian fluid wells
- Can simultaneously remove drilled plug debris whilst milling composite / drillable plugs
- Optimum performance at low flow rates
- Available in a range of sizes and connections
- Ideal for pre expandable patch/ straddle operations
- Capable of removing debris from the tops of retrievable plugs
- Combine with high strength magnets for dropped objects removal

