

SUBMERSIBLE WELL PUMP INSTALLATION PROCEDURE

Abstract of the Disclosure

A method of installing an electrical pump assembly in a subsea wellhead member avoids having to run the pump assembly through the wellhead member after removing the wear bushing. The operator first lowers the pump assembly on a string of tubing at least through the wear bushing while deploying the power cable alongside the tubing. He then connects a retrieval tool to the tubing, inserts the power cable into a slot in a side wall of the retrieval tool, and lowers the retrieval tool. After engaging the wear bushing, the operator retrieves the wear bushing while taking up the power cable. The operator connects a tubing hanger to the tubing, and lowers the pump assembly again until the tubing hanger lands in the wellhead member.

Figure: None