

Stuck Pipe Awareness and Diagnostics

An Early Warning System for Stuck Pipe Prevention

Hole problems often get aggravated enough to cause pipe sticking. This problem cost the industry billion annually with no break on the horizon as technology seems to go in leaps and bounds.

DSI's technology can be a life saver. Well, basic foundations of "common sense" is the order of the day in three basic steps: Detect-Diagnose-Resolve

Early Detection and Proactive Maintenance

*Real time action to mitigate pending pipe sticking is NOT enough!!
Early detection is paramount to allow for proper prevention maintenance*

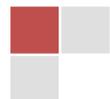


Resolve

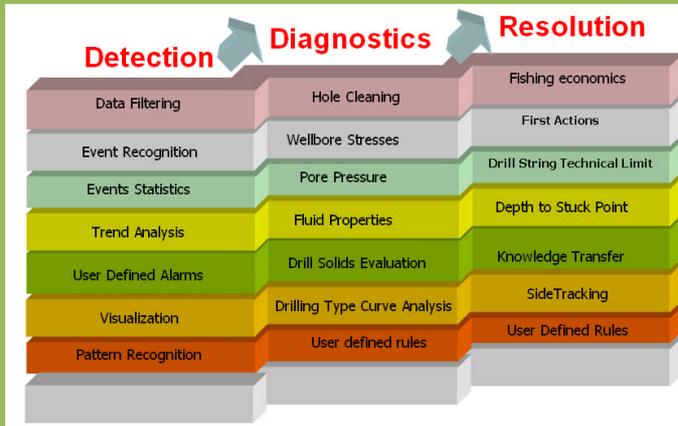
Once the pipe is stuck...first action is so important...That is why stuck pipe early warning system was conceived to provide a quick most likely sticking mechanism and appropriate subsequent action with guided operational plan.



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Technology ahead of its Times



DSI system for stuck pipe awareness and prevention is based on intelligent state of the art diagnostic techniques (drilling analysis techniques) to diagnose the first signs of hole problems and provide on time awareness messages to the drilling team of a probable cause and issue recommended first actions.

We are soliciting funding to revamp our technology with features and new developments. A single stuck pipe incident may cost an operator a million if not more. We are committed to making our drilling diagnostics technology affordable and available as soon as possible. With your support, we can move ahead with the development.

In addition, we are developing state of the art technology to monitor drilling fluid performance. Automated and real time drilling fluid health checks is always important benchmark to early diagnosis of potential hole problems.

The current development of proactive drilling fluid maintenance technology at DSI is an integral part of the big picture: Reducing drilling problems by diagnosing, resolving, ahead of time.

The maintenance of drilling fluid with remote solution, drilling analysis, drilling events type curve analysis, and other measures all focused on preventing drilling problems and providing guidance for mitigation/resolution if they occur.

