



Exploration & production

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JANUS OILFIELD TECHNOLOGY DRILLING MUD RECOVERY SYSTEM

Assessment of the test

In the month of January 2013, in a site in Val d'Agri, the first prototype of a vacuum mud bucket and vacuum cleaning system for the drilling deck and site were tested.

Use of the Vacuum Mud Bucket makes it possible to recover all the mud from inside the length of drill pipe extracted and ensures better cleaning of the drilling deck and BOP area. The absence of drilling fluids and emission of gas from the mud in the work area not only facilitates the work but makes the work environment safer by reducing the risk of accidents.

The Vacuum Mud Bucket makes it possible to recover about 10-15% more clean mud which can be recycled directly back into the system in operation in comparison with the traditional system.

The major advantages of the Vacuum Mud bucket are as follows:

- Clean workplace with greater safety
- Complete recovery of the mud and gas contained in the drill pipes
- Possibility of recovering uncontaminated mud with the mud bucket and the related accessories for recovering mud and cleaning the drill deck and site.

The Mud Bucket and accessories were found easy to use and the personnel quickly became familiar with the system and rapidly found the optimum working method.

From the economic viewpoint the uncontaminated mud recovered more than makes up for the extra cost of the equipment.

Overall this equipment represents a step forward in improving the safety of personnel in a work environment that is considered high risk.

D.S.

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