



BaraClear™ Twin Filter Press Installation Significantly Reduces Costs on Gravel-Pack Completion

COST-EFFICIENT SYSTEM IMPROVES OPERATIONS, ENABLING SAVINGS OF USD 124K

NORTH SEA, OFFSHORE SCOTLAND

CHALLENGE

Provide a cost-effective offshore filtration system that would enable the operator to avoid frequent cartridge filter replacements and to improve brine quality

SOLUTION

Install a BaraClear™ twin filter press system, following a change in the offshore rig's deck layout

RESULTS

- » Executed filtration operations with no issues
- » Decreased number of cartridge filters used
- » Improved brine quality
- » Saved operator approximately USD 124,360

OPERATOR SEEKS SOLUTION FOR CONTINUOUS ISSUES WITH EXCESSIVE CARTRIDGE REPLACEMENTS, POOR-QUALITY BRINE

On previous wells, an operator working offshore Scotland in the North Sea had encountered issues with filtration during gravel-pack completion operations. Poor sand quality in the formation caused damage to the filters, resulting in numerous cartridge filter replacements and excessive consumption of consumables.

A change in the rig's deck layout opened up an opportunity to install a different filtration system.

BAROID INSTALLS TWIN PRESS FILTER FOLLOWING DECK LAYOUT CHANGE

The Baroid team recommended installing a BaraClear™ twin press filter system known for its success in gravel-pack operations. The unit operates with low-cost consumables and could deliver the performance needed to meet the customer's requirements.

BARACLEAR SYSTEM DECREASES USE OF CARTRIDGE FILTERS AND IMPROVES BRINE QUALITY

Following installation of the BaraClear system, filtration operations were executed with no issues. The number of cartridge filters used was significantly reduced, while the brine quality was improved.

The customer saved approximately USD 93,375 on cartridge filters. The filtered brine was in excellent condition for reuse on the next well, saving an additional USD 30,985.

Based on these results, using the BaraClear twin filter press system will now be the operator's standard practice during wellbore cleanout and gravel-pack operations.



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