TECH REPORT

BLACK SEA

Background
A drillship operator wanted to reduce personnel confined-space entry time while cleaning the tanks and lowering the volume of wastewater and slop resulting from pit-cleaning operations. M-I SWACO recommended ATC* automatic tank-cleaning technology. ATC technology uses tank-cleaning machines (TCMs) optimally positioned inside the tanks. Each TCM is programmed based on the desired cleaning pattern and analysis of tank geometry, replacing crews in the confined space area.

Technologies
- ATC automatic tank-cleaning technology

Operator Reduces Confined Space Entry Time and Improves Drillship Tank Cleaning

ATC technology reduces pit entry while removing high solids volume in less time than manual operations.

ATC technology cleaned 16 pits in 105 hours. Confined space entry time was reduced to 68.2 hours for preparing the TCM. Washwater was limited to 160 bbl with only 1 bbl of surfactant. A total of 47.4 tonsUS of settled barite and solids was removed from the drillship.

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