

AIRLIFT STRING (For Pile Refusal Remedial)



AIRLIFT STRING Specifications	
Pipe	10"
Water Jet Line	2 x 2"
Compressed Air Line	1 x 2"
Jetting Head Section (Type 4)	40ft LG x 10" dia; 01 ea
Jetting Intermediate Section (Type 2)	40ft LG x 10" dia; 03 ea
Jetting Intermediate Section (Type 3)	40ft LG x 10" dia; 13 ea
Top Section (Type 1)	40ft LG x 10" dia; 01 ea
Lifting Cap for jetting and airlift string	03 ea
Centralizers	04 ea

OCS Airlift consists of a flanged string of 10" Pipe fitted with 2 x 2" Water Jet lines and 1 x 2" Compressed air line for Airlifting. This string is complemented by a Jetting pump producing 1475gpm @ 1480 rpm, a Feeding pump producing 7000 gpm @ 1480 rpm and a 900 cfm x 300 psi compressor. Ancillary hoses, flange bolts and other connection fittings are also provided.

The Jetting/Airlifting string is static during remedial operations. The system relies on high pressure water through nozzles located in the Jetting head to break up the formation and an



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airlift to remove formation materials.

OCS has Equipment passports for all the equipments and it gives the working history, maintenance and certification history for the equipments.

It is important to regularly review the list of critical spare parts of the equipment by performing the periodic maintenance.

Where failures occur during operations Equipment bulletins will be issued to document the problem and the remediation solutions applied. The equipment bulletin will be circulated to all field engineers to be informed about the possible failure that can occur during the operation and thereby avoid future failure.