



As Zirve Industrial Cleaning Company, the scope of activities that we can carry out in cooperation with our business partners covers a wide range, including crude oil extraction, transportation, refinery shutdown maintenance and revamping activities, completion of petroleum separation processes, recycling and cleaning operations of crude oil storage tanks using unmanned systems, as well as the execution of all general refinery industrial cleaning services.

SYSTEMS FOR OIL WELL DRILLING AND MAINTENANCE & REPAIR OPERATIONS OF EXISTING WELLS



With our drilling rig units to be used during oil drilling operations, we are capable of completing up to 25 turnkey well drilling projects per year, including surface wellhead completion, depending on field and terrain conditions. Should a higher number of wells be required, we can provide the necessary additional equipment and operational support.

Through our workover rigs used for maintenance and repair operations in oil wells, we are able to perform downhole equipment replacement, pump-tubing-packer installation and removal, well cleaning, and the elimination of production-related problems using dedicated and specialized teams.

The annual number of wells can be determined based on well conditions and project requirements. All operations are supported by measurement and logging systems using wireline units. Offshore drilling operations can also be carried out when required.



Following the determination of the work areas, all preparations are completed within the appropriate timeframe by our expert teams. Based on site-related studies, a detailed work plan is prepared and communicated to the Administration. Our top priority in all activities is occupational health and safety, and all works are carried out in compliance with applicable construction standards.

OIL SEPARATION SYSTEMS



Three-phase decanter systems are employed in petroleum separation operations, and the system configuration is determined according to process capacity and zone classification requirements.



Decanter systems are available with capacities ranging from 15 m³/h up to 100 m³/h. Considering ease of mobilization, units with capacities of 25–40 m³/h are considered ideal. From a mobilization perspective, containerized systems installed on semi-trailers are generally preferred.



Based on the analysis results, the appropriate polymer to be used is determined, and its derivatives are adjusted until optimum performance is achieved. In addition, the analysis aims to determine the volume of oil and petroleum derivatives obtained from a given processing volume. To achieve results that closely reflect actual conditions, samples are taken from upper, middle, and lower points as well as from different locations.