

WE GO DEEP TO REACH HIGH



Canadian Emirates Western
Engineering Co Ltd.

CEW CORPORATE BROCHURE



Give us a call, send us an email
We are always here to help out in whatever way we can.

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CEW PROFILE

Canadian Emirates Western Engineering Co Ltd.

Canadian Emirates Western Engineering Co. L.L.C (CEW) is an engineering and services company, Providing and Servicing **Electrical Submersible Pumps (ESP) and Horizontal Surface Pumping Systems (HSPS)** Services, It is what we proudly do well with full confidence of know – how.

CEW was established in 2004 in Abu Dhabi, United Arab Emirates, CEW it's a member of Al-Otaiba Group of Companies, which has over 25 years' experience in oil & gas industries.

CEW has it's headquarter office located in Abu Dhabi, and branches in Sudan Republic, South Sudan Republic & Nigeria.

CEW since was born has had a clear vision and mission in focusing in mastering its products and services, CEW is proud offering innovative technology in collaboration with reputable manufactures worldwide, insuring that its client gets the latest technologies and best quality of products and services, with a dedicated team of qualified professional's, Therefore, CEW was able and capable to get its client's trust and develop it self rapidly.



CEW in Sudan and South of Sudan have become now the specialist and market leader in Oilfield Pumps Engineering and related Services. CEW started focusing on CEW ESP own brand and services. CEW confidently can say that its ESP systems were successfully proofed its performance in previously impossible well conditions, producing well fluids in even the following extreme environments:

- High Down hole Temperatures
- High Gassy Wells (GOR)
- High Viscous Oil Wells
- Abrasive Wells
- Corrosive Wells
- Deviated/ Horizontal Wells

CEW MISSION

To build capacity, capability and competencies through partnerships with world-renowned technocrats. To deliver innovative solutions to our customers and serve as a vehicle of up to date technology with high value services that meet International standards.

CEW VISION

To provide the national oil and gas industry with up to date Electrical submersible pump and engineering services that meet quality and safety of the global oil and gas community.



CEW VALUES



Customer Service



*Quality & Excellence
Performances*



Flexibility



Teamwork



*Take
Responsibility*



*Loyalty and
Honesty*



*Accountability
& Transparency*

SERVICES

Electric Submersible Pumps (ESP)

CEW capable to offer full package of ESP, equipment and services, ESP systems are a form of artificial lift developed to help maximize the wells production when the down-hole pressure becomes below the level required to bring fluids to the surface.

Since ESP's rely on pressure differentials for fluids to enter the pump, ESP's cannot pump if intake pressure is zero, ESP considered as effective way of lifting wells fluids, ESP can work in great depths under a variety of wells conditions. The ESP system is comprised of an electric motor, seal section, intake device, multi-stage centrifugal pump, electric power cable, motor controller and transformers. ESP is a very versatile artificial lift method, it can handle a very wide range of flow rates from 100 to 120,000 bpd.





Flow Jet Pump (FJP) & Memory Production Logging Tools Services (MPLT)

Flow Jet pump is designed to limit the well during MPLT logging. Flow Jet pump is Jet pump-based equipment with different changeable insets for different types of operations such as production, well clean up, MPLT, acid stimulation, DST.

FJP is functioning as an artificial lift system during MPLT making well producing. Flow Jet pump technology is based on Venture effect. A built in Venture tube helps to create adjustable draw-down to the reservoir and make well producing as long as required during production logging.

Unconventional Perforation Services.

Gun less unconventional method to perform perforation and creation of channels between reservoir and wellbore, with using the power of speedy jet fluid to create the perf's.

Perforator is fixed to the tubing along with crossover for correlation purpose and run to the planned perforation interval, Positioning of perforator performed by GR, CCL methods to the planned perforation interval.

Useful with, new wells, Wells with thin saturated zone and close OWC, After remedial cement job in order to prevent cement bond damage and following water, Perforation channels diameter 20mm, the tool orientation of 4 perforator's jets is 90°, Highly permeable channels (up to 2m to the reservoir).





Early Production Facilities (EPF)

Some application of an EPF are needed when a new field is at exploration stage and ready for prolong production test. Fields those have small and unconventional reserve those require less capital expenditures need to consider bringing production handling services as EPF to eliminate risks associated with reserves overestimation. This will also applies for brown field with high water cut.

EPF has advantages due to much less investment in projects compared to conventional surface infrastructure, eliminate risk of reserve overestimation, agile design on the basis of unified process modules, fast installation and pre-commissioning, high adaptability of the packages if facing uncertain geological field conditions and possibility to reuse them at different wells and fields.

Reservoir Study or Full Field Review (FFR)

Either preparation of plan of development or identification possibilities of new depletion strategy, a thorough reservoir study is mandatory at those stages.

A full field review (FFR) could comprises from Seismic interpretation, Subsurface engineering, Integrated modeling, Interpretation of well testing data, Surface facilities design and up to Platform topsides design. It would apply for study on secondary recovery and EOR implementation (pilot & full scale) with various possible methods: polymer flooding, surfactant injection, CO₂ injection and others.





Speciality Chemicals

we provide production handling and treatment chemicals. The chemicals are tailored to match and compatible with our client requirement. The product range varies from scale inhibitors, emulsifier, corrosion inhibitor, well stimulation chemicals, bactericides, gas scavenger, etc. In drilling side, we provide mud additives.

OUR PARTNERS

Over the years, cosmoplast have been the top choice for market leading companies in the region. Our quality and service have always helped us to have a sustaining and rewarding relationship with our esteemed clientele. Some of our top clients are





The Novomet Headquarters and manufacturing facilities are located in Perm, which is a two-hour flight from Moscow, Russia.

Novomet was established in 1991 as a stage manufacturer, based on a new technology for the oil and gas industry: powder metallurgy. This technology has shown through the years to have superior performance in extreme environments and has delivered a good return in the form of increased run life for our clients.

Since it first started, the company has been continuously developing and improving. Their customers have recognized their first class products and have awarded them with their business, leading Novomet to become one of the largest ESP manufacturers in Russia. Strategy is based on proprietary technologies for a wide range of applications, focusing on harsh well conditions, including high gas-to-oil ratios, high temperatures, abrasive and corrosive fluids, heavy oil, wells with minimum drift (3.90”), and highly deviated wells.





Oilteam is an independent service provider established in 2010 to provide solutions across various segments of the oil and gas industry:

Early production systems;

Full range of well testing and formation testing operations;

Field development planning and optimization;

Development, fabrication and implementation of oil and gas equipment;

Offshore engineering;

Professional training.



NORTH SIDE

WELL ENHANCEMENT SOLUTION

North Side Company mission is to deliver state-of-the-art technologies for oil and gas production companies.

The principles of the field development where every well has to have uniform injection or production profile and maximum runtime for ultimate reserves development.

North Side technologies are focused on evaluation of the well-reservoir performance and production enhancement.



CONTACT

Give us a call, send us an email
We are always here to help out in whatever way we can.



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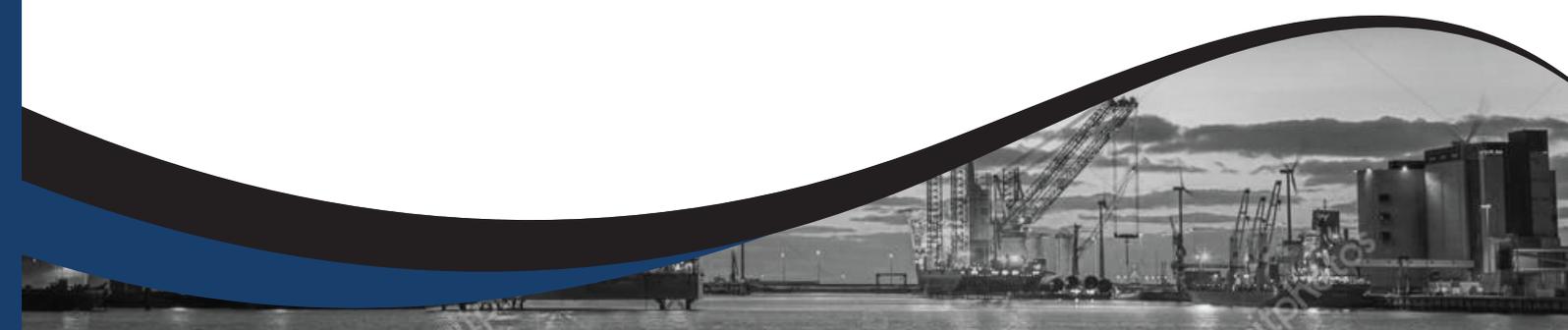
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