

About Us

Drilling Company Company International Limited was established in 2008 with the participation of Petrolran Development Company and PetroPars with the aim of conducting drilling operations for developmental projects of both companies. After one year, by mutual agreement, all shares of this company were transferred to Petrolran Company with the approval of the Naftiran Intertrade Company (NICO). Simultaneously with the signing of an integrated drilling services contract between Petrolran and Iranian Offshore Oil Company (IOOC) and in line with Petrolran's strategy to complete the value chain in the drilling sector, the specified goals were assigned to Drilling Company Company International Limited, and thereafter, the company expanded its activities by purchasing two Jack-Up drilling rigs. The activities of Drilling Company Company International Limited were previously limited to renting drilling rigs under ownership and providing drilling technical services to employers related to the National Iranian Oil Company until 2020.

Company Capabilities

The most important capabilities of the company are as follows:

- Execution of EPDF projects in the country and conducting periodic evaluations
- Implementation of integrated drilling services projects with the highest technical score in tenders
- Management of offshore assets focusing on two drilling rigs: Drilling International Limited-1 and Drilling International Limited-2
- Technical inspection, crew supply and management, safety and technical inspections
- Health, safety, and environmental management on drilling rigs with special records
- Engineering and major and minor repairs (overhauls) of main drilling equipment such as: top drive, power system, draw works, mud pump, engines, jacking system, skidding, water maker, HVAC And more...



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Drilling Company International Limited DCI



Achievements

1-1 Drilling

Drilling Company International Limited, with 2 Jack-Up drilling rigs, has been responsible for providing drilling services offshore, with excellent performance in recent years serving the country's oil industry. The company has also provided extensive services to domestic and foreign employers with 2 truck-mounted cement pump units and cementing equipment offshore, including:

- ▶ Successful provision of technical services and offshore drilling operations for the South Pars oil layer project
- ▶ Successful execution of the first national offshore project in EPDF format in the Siri operational area
- ▶ Optimization of drilling programs using experienced engineering teams
- ▶ Execution of national drilling projects with the simultaneous use of 3 drilling rigs

1-2 Training and Utilization of Domestic Capabilities to Minimize Costs

- ▶ Provision of drilling rig operation teams by recruiting and training local specialized workforce
- ▶ 100% utilization of domestic capabilities in technical, engineering, and procurement fields in project execution and support for top local producers in line with the directives of the Supreme Leader to boost production
- ▶ Establishment of specialized committees (NPT committee, fuel committee, negotiation committee) to reduce costs
- ▶ Utilization of domestic knowledge-based companies to procure necessary drilling services and goods such as Swellable Packer and Retrievable Inflatable Packer from TUMEX (Development of KIA Industry Product of Sharif University) and other companies like Medco and receiving solutions and suggestions from these companies to improve their products and performance
- ▶ Cancellation of foreign camp services contract and catering and 50% cost savings by using local forces and creating employment for Iranian employees
- ▶ Comprehensive cost reduction measures in technical, engineering services, and procurement totaling over 8 million euros during the Siri project.

1-3 Construction and Optimization

- ▶ Construction of the first vertical drilling mud agitator at Drilling Company International Limited
- ▶ Design and implementation of optimization program and project time and cost control
- ▶ Repair of the base of the drilling rig for the first time offshore (without transfer to Dry Dock) at very low cost in the Siri project



1-4 Health, Safety, and Environment (HSE)

- ▶ Record of over 2340 days without Lost Time Incident (LTI) on Drilling Company International Limited-2 drilling rig
- ▶ Record of over 625 days without Lost Time Incident (LTI) on Drilling Company International Limited-1 drilling rig

1-5 Drilling Rig Displacement

- ▶ Successful displacement operations of offshore drilling rigs in the Persian Gulf region with technical limitations of platform dimensions and unforeseeable seabed conditions and behaviors
- ▶ Over 22 successful displacements of drilling rigs from 2020 to present
- ▶ Simultaneous displacement of 3 offshore drilling rigs in the Persian Gulf waters

1-6 Employer and Stakeholder Satisfaction

- ▶ Stakeholder and shareholder satisfaction
- ▶ Employer and responsible organizations' satisfaction with the innovation performance of Drilling Company International Limited

1-7 Establishment and Utilization of Offices and Warehouses

Provision and utilization of offices and warehouses needed for buildings and the main office of Drilling Company International Limited and covered and open warehouses in the Kish Island Green Zone through Petrolran Kish Development Company from Petrolran subsidiaries.

We are Committed to Excellence

Execution of the First and Most Challenging EPDF Project in the Country

Drilling Company International Limited successfully executed the country's first and most challenging EPDF project (the Siri project), including engineering services, drilling operations, provision of drilling services, and partial financing of drilling operations, repair, and re-drilling of 12 oil wells in the Siri region (Esfand, Sivand, and Dena fields). For the first time in history, the company managed to fulfill 100% of its commitments regarding injection, production, and financial provision of the project. With the successful implementation of this project, the country's light oil production potential increased by approximately 16,000 barrels per day, and approximately 10,000 barrels per day of water injection increased.

- ▶ Drilling, completion, and commissioning of 7 oil production wells
- ▶ Drilling, completion, and commissioning of 3 water injection wells
- ▶ Drilling of well SIC-E11, the first well drilled on the Nasr 5 platform after the victory of the 1979 Islamic Revolution
- ▶ Driving a 7-inch casing string in the Misharif reservoir layer for the first time in the Sivand field
- ▶ Hammering the threaded pipes "26 casing" for the first time in Iran to a depth of 145 meters
- ▶ Acidizing and N2 lifting operations without the use of a float and utilizing the space on the platform
- ▶ Optimization and cost savings in drilling services such as: changing drilling schedule to maintain rig time
- ▶ Optimization of cementing design and program, improvement of horizontal drilling trajectory, and more...
- ▶ Hammering the threaded pipes "Conductor 26 casing" without welding for the first time in the country

Infill Drilling Tender Contract in the South Pars Oil Layer

Currently, Drilling Company International Limited has successfully secured a contract to implement the Infill drilling project for 9 wells in the South Pars oil layer field through a tender with the esteemed Pars Oil and Gas Company.

Clients of Drilling Company International Limited

- ▶ (IOOC) ▶ (OIEC) ▶ (POGC) ▶ (MDCO) ▶ (POSCO)

DCI-1 Offshore Drilling Unit

General Information	
Rig Name	DCI-1 & DCI-2
Rig Type	Jack Up/ Self Elevating
Design	Friede & Goldman, Super M2
Rig Manufacturer	CIMC Raffles Offshore LTD
IMO No.	DCI-1: 9638082 / DCI-2: 9636204
Call Sign	3EAG6
MMSI No.	352973000
Class Society	NK
Unit Flag	Panama
Date of Construction	2011
Water Depth	300 ft
Wind Speed	100 Knots
Drilling Depth	30000 ft
Accommodation	114 Persons
Hull Dimensions	196' x 183' x 25'
Legs	3 x 411 ft Including Spud Cans
Leg Spacing	Transverse: 36.58 m, Longitudinal: 35.05 m
Spud Can Diameters/ Bearing Area	12.9 m / 106.8 Square Meter (Each)

Jacking & Skidding System	
Jacking System type	Friede & Goldman Rack VFD-440 Jack up Rack & Pinion
Normal Jacking Capacity	440 kips/unit
Longitudinal/ Transversal Skidding	Hydraulic System
Cantilever Envelope	0 ft - 50 ft Aft Transom, 15 ft Center Line Either Side
Variable Load During Operation	4080 MT

Electrical Power Supply	
Main Generator Set	5 Nos. SR4B 1530 kW Generators & 5 Nos. CAT (3516B HD) Engines
Emergency Generator	1 No. SR4B 550 kW Generator & 1 No. CAT (3412C) Engine

Drilling Equipment	
Derrick	35ft x 40ft, Height: 170ft, Static Load of 1500 klbs
Drawworks	TSC, Model D2330, 2300HP, Driven By AC Motors, 1.5/8" Grooved Drum
Top Drive	CANRIG Model: 1275AC-681, Capacity 750 sh ton, Continues Torque Rating: 51400ft.lb@120RPM
Rotary Table	TSC, Model 495E, 49 1/2", 1150 HP
Travelling Block	Rated Capacity: 1500klbs, 7 x 60" 1 5/8" Grooved Sheaves.
Crown Block	Rated Capacity: 1500klbs, (6+2) x 60" 1 5/8" Grooved Sheaves.

Pipe Handling Equipment	
Iron Roughneck	2 Nos. TSC Pedestal IR150 & IR120, 2 7/8" to 9 3/8" Pipe Range & 100 - 120, Kft-lbs Max. M/U & B/O Torque Range. (IR150 Equipped with Slew Hydraulic System)
Catwalk Machin	Friede & Goldman, Capable for Handling 2 3/8" to 36" Tubular Range
Stand Arm	Capable for Handling 3 1/2" to 9 1/2" Tubular Range
HTV	Capable for Handling 3 1/2" to 9 1/2" Tubular Range
Bridge Racker	Capable for Handling 3 1/2" to 9 5/8" Tubular Range

Well Testing Equipment	
Burners	2 Nos. 15000 BOPD / 120 MMSCFD Gas, Design Pressure/ Temp: 1440psi / 250 Deg. F
Burner Booms	2 Nos. 90 Feet Long

Cementing Equipment

Cement Unit	Model PCS-621B Double Pump Skid, WP: 10400 psi, FR: 3.4 m3/min
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Mud System	
Mud Pumps	3 Nos. TSC Workforce-2000, Triplex (2000HP), Driven by AC Motors, 7500 psi Fluid End WP

Shale Shakers	5 Nos. TSC/HZS280-3R, Liner Motion
Desander / DeSilter	2 Sets, Integrated Desander (4 Nos. 10" Cones) & Desilter (24 Nos. 4") Each

Mud/Gas Separator	250-300 m3/h, Design Pressure: 580 psi
Degasser	HLZCQ-260/ Vacuum Degasser

Mud Centrifuge	1 No. TSC / LW450 x 1000 N1H Medium Speed & 1 No. TSC / LW450 x 1000 N3H High Speed
Mud Tank	8 Nos. 714 Actual / 640 Usable (m3) Capacity

DCI-2 Offshore Drilling Unit

Bulk System & Storage Capacity	
Drilling Water	1208 m3
Fresh (Potable) Water	372 m3
Fuel Oil	644 m3
Dry Bulk Storage	340 m3
Cement Silos	2 No, 68 m3 (Each)
Barite / Bentonite Silos	3 No, 68 m3 (Each)

Well Control Equipment	
Diverter	DV 49 1/2"- 500, H2S Trim
Annular BOP	21 1/4"-2000 psi 13 5/8"- 10000 psi
Ram Type BOP	21 1/4" - 2000 psi (Double) 13 5/8" - 15000 psi (Single) 13 5/8" - 15000 psi (Double)
BOP Control Unit	20 x 15 Gallon Capacity, 3000 psi
Choke & Kill Manifold	3 1/16", 15000 psi

Cranes	
Cranes	2 Nos. Type: GN50/8, Make: MEP Pellegrini, Italy

Auxiliary Equipment	
Water Maker	2 Nos. 25 MT/day (Each), RO Type
Compressors	2 Nos. Main Compressor Atlas Copco, Model: GA355W, WP: 58-145 psi, 516 HP 1 No. Bulk Compressor Atlas Copco, Model: GA132A, WP: 90-150 psi 177 HP

Air Drier	2 Nos. Atlas Copco, Rated Capacity: 2700 NCMPH & 1 No. Atlas Copco, Rated Capacity 1620 NCMPH
Mooring System	4 Nos. 3.2 ton Anchors, 4 Nos. Anchor Winches 65.5 HP

Communication & Navigation	Inmarsat, Radios (VHF, UHF), GMDSS, EPIRB, SARTs, AIS, SSAS, Air Band, Gyro Compass, AVTEX, LIRT, DGPS
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Safety & Life Saving Equipment

H2S Monitoring System	Installed @ Bell Nipple, Drill Floor, Shale Shakers, Mud Tanks, Mud Pump Room, Ventilation System Into Living Quarters & Others
Fire Pump	2 Nos. Main. 160m3/hr@70 m
Life Boat	2 Nos. Located @ Port/STBD, 120 Person/Craft
Life Rafts	5 Nos. Located @ Port/STBD, 25 Person/Craft
Fast Rescue Craft (FRC)	1 No, Power: 6kNots
Pollution Prevention	EVAC Sewage Treatment, JOWA Oily Water Separator, Garbage Compactor
Fire/Smoke Detectors	130 Nos. Make Autonica