

Our Company

Drilling International Limited Company (DCI) was established in 2009 as one of the subsidiaries of Petro Iran Development Company (PEDCO) with the goal of providing offshore drilling rigs and relevant services.

After its establishment, DCI Company took steps to increase its capacity in drilling operations through the use of advanced equipment and the latest technologies.

To achieve this goal, it has purchased and used two jack-up drilling rigs (Super M2), hereinafter referred to as DCI-1 and DCI-2, which have intelligent and advanced control systems. The necessary and sufficient capability for integrated management of the most difficult and complex EPDF projects (Engineering, Goods, Drilling operations, Financing) of the country has been created at Drilling International Limited Company (DCI).

The company has succeeded in implementing and managing a system including: Quality Management (ISO 9001: 2015), Quality Management system for oil, gas, and petrochemical industries (ISO 29001: 2020), Environmental Management system (ISO 14001: 2015 and also Occupational Safety and Health Management system (ISO 45001: 2018) and receiving relevant certificates from reputable authorities in this field.

Vision

Drilling International Limited Company (DCI) has set its sights on achieving a leading position in the drilling industry and becoming one of the top drilling contractors, Focusing on innovation, Quality, Safety and, Accountability through experience, New technology and diversification of activities.

Mission

The company intends to achieve the following goals by valuing employees, providing a safe working environment, paying attention to environmental protection and observing the highest standards and financial order:

- Increase in asset value
- Continuity of superiority in the competition market
- Increasing the number of applicable standards
- Drilling efficiency optimization
- Being a pioneer in using superior and updated technologies



No. 3/1, Gooyabadi St.,
Dastgerdi(Zafar) St.,
Shariati Ave.,
TEHRAN, IRAN.
Tel: +98 21.23303066
Fax: +98 21.22266248
DCILIMITED.COM
Email: info@petroiran.com

Drilling Company International Limited DCI



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 Jackup 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 eKW Generators & 5 Nos. CAT (3516B HD) Engines
Emergency Generator	1 No. SR4B 550 eKW 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
Mud System	
Mud Pumps	3 Nos. TSC Workforce-2000, Triplex (2000HP), Driven by AC Motors, 7500 psi Fluid End W.P
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 1No. 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, LIRTDGPS
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

Summary of Executive Experiences:

- Successful provision of integrated drilling services for 15 offshore drilling rigs and 3 onshore drilling rigs contracted by the Iranian Offshore Oil Company (IOOC) in the form of IDS contract
- Successful provision of drilling technical services and rental of an offshore drilling rig to South Pars Oil Layer project for Tie-Back , Re-entry and completion of 7 wells operation
- Successful provision of Drilling Technical Services to Petroleum Engineering & Development Company (PEDEC) for the Development Plan of Jofair Oil Field
- Rental of DCI-1 offshore drilling rig to Petroleum Industries Engineering and Construction Company (OIEC) for the development of phase 20 of South Pars and drilling of 11 gas wells
- Rental of DCI-2 offshore drilling rig and providing drilling services and drilling support to Petro Iran Development Company (PEDCO) in the South Pars oil layer project to complete drilling of 7 oil wells and drilling of 3 new wells
- Providing integrated drilling services for 10 drilling rigs contracted by the Iranian Offshore Oil Company (IOOC) in the form of IDS-II contract
- Rental of DCI-2 offshore drilling rig to the Iranian Offshore Oil Company (IOOC) for drilling and repairing wells in the Forouzan oil field
- Carrying out major repairs of DCI-1 drilling rig in dry basin in cooperation with Azim Gostareh Hormoz Company for the first time in Iran
- Providing ancillary drilling services for Pars Oil and Gas Company including 12 different drilling services (on going)
- Providing drilling ancillary services to Petro Iran Development Company (PEDCO) in Mansourabad oil field development project for the National Iranian South Oil Company (NISOC) (on going)
- Performing Engineering Services, Purchasing Goods, Drilling and Commissioning of wells in Esfand and Sivand fields as EPDF for Iran Offshore Oil Company (on going)
- Provision of H2S Safety Services in offshore and onshore facilities of the Iranian Offshore Oil Company (on going)
- Rental of DCI-2 offshore drilling rig to Mapna Company for repairing few wells in Nowruz oil field (on going)
- Rental of DCI-2 offshore drilling rig to Petropars Oil Well Services Company for drilling and repairing few wells in Forouzan oil field (Preparation stage)
- Receiving a letter of appreciation from OIEC for performance in phase 20 with the highest efficiency and quality
- Safe operation (14 months without NPT , more than 1000 days without LTI) in the South Pars Phase 20 project

We are Committed to Excellence

Main specifications of DCI-1 and DCI-2 Offshore Drilling Rigs

- Equipped with (SPHS) Simultaneous Pipe Handling System
- Ability to drill in offshore up to 300 feet depth and continuous drilling operation up to 15 wells without changing location
- Ability to drill oil and gas wells to a depth of 7000 meters
- Complete welfare and accommodation facilities for 114 person
- Three mud pumps with a capacity of 2000 hp
- Power generation capacity of 8 MW by five diesel generators
- Designed in accordance with ABS (American Bureau of Shipping)
- Poland PRS Class Certificate



Technical Drilling Services

- Project Management
- Directional Drilling
- Drilling Fluid
- Logistics
- Casing & Tubing Running
- Fishing
- Cementing
- Liner Hanger
- Whip stock & Window Opening
- Wellhead
- Well Testing and Stimulation
- Coiled Tubing
- Wireline
- Geotechnical /Geophysical & Rig Positioning
- ROV
- H2S
- Pile Hammering
- Mud Logging
- Coring
- Completion