

CAPABILITIES

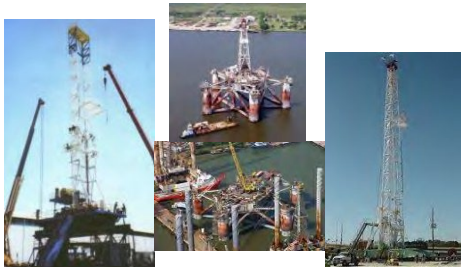


RBL INTERNATIONAL, INC.

4201 Roland Rd. | Katy, Texas 77493

(281) 449-5762

www.rblrigs.com



RBL INTERNATIONAL, INC.

**4201 Roland Rd. | Katy, TX 77493
U.S.A.
(281) 449-5762**

www.rblrigs.com



RBL INTERNATIONAL is an engineering and construction firm specializing in the design, fabrication, servicing, rig-up and repair of land and offshore oilfield structures and equipment.

Our organization offers general engineering (structural, piping, mechanical, electrical, and naval architectural) services to the petroleum industry. We have an in-house permanent staff of highly qualified engineers, computer specialists and designers, organized as a unit to better serve our clients. Our personnel are thoroughly versed in modern technology.

Our fabrication facilities are equipped for heavy steel construction of derricks, masts, substructures, offshore modules, packaged drilling rigs, and skid mounted units. Our shop personnel are experienced in fabrication procedures and quality control.

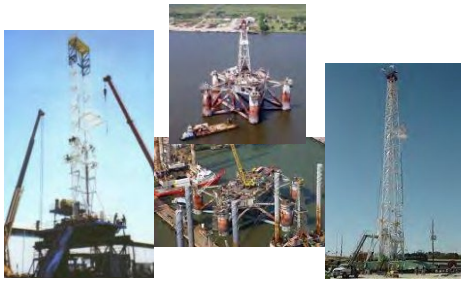
Our field services group has inspected, repaired and modified oilfield structures & equipment worldwide, including the Middle East, South America, Africa, and Southeast Asia.

Our offshore maintenance group conducts and performs systematic inspection, maintenance, structural repair of offshore platforms and facilities.

We are well aware of the importance of maintenance to avoid structural defects and accidents. We understand and convey to our clients operating personnel, wide spread knowledge and practices necessary for a safe, reliable and cost effective preventive maintenance systems.

We are in a position to present a complete project on a turnkey basis that would include: design, engineering, fabrication, and all field work (including rig-up and erection) and are prepared to provide service at any point of the project regardless of location.

Our work record emphasizes the quality and proficiency of our operations as we pride ourselves in the repeat business received from existing clients.



RBL INTERNATIONAL, INC.

Our headquarters are strategically located 15 minutes from Houston's premier Energy Corridor, within one hour of both Bush International Airport and William P. Hobby Airport, and 45 minutes from downtown Houston.



**4201 Roland Rd.
Katy, Texas, U.S.A. 77493
Phone: (281) 449-5762**

Our company is capable of presenting a complete project that would include design, engineering, fabrication, and all field work (including rig-up and erection).

RBL International has over 6 acres of manufacturing and office facilities, able to accommodate the assembly of three (3) large drilling rigs simultaneously and is suited for heavy steel construction including derricks, masts, substructures, rig modules, packaged drilling rigs and skid mounted units.

Our facility is suited for heavy steel construction including derricks, masts, substructures, offshore modules, packaged drilling rigs and skid mounted units.



Sales & Servicing
Email: sales@rblrigs.com

HR & Operations
Email: hr@rblrigs.com



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ONSHORE AND OFFSHORE DRILLING RIG EXPERIENCE OF RBL INTERNATIONAL, INC

MEMBERSHIPS/
CERTIFICATIONS

TECHNICAL PRESENTATION



INTERNATIONAL
ASSOCIATION
OF DRILLING
CONTRACTORS

RBL International, Inc. (RBL) is pleased to have the opportunity to present our extensive worldwide experience designing and building large drilling rigs, onshore and offshore.

The Drilling Rigs comply with applicable industry specifications including the American Petroleum Institute (API), International Maritime Organization (IMO), Occupational Health and Safety Administration (OSHA) U.S.A., The American Institute of Steel Construction (AISC), The American Welding Society (AWS) and the International Association of Drilling Contractors.



ASSOCIATION OF
ENERGY SERVICE
COMPANIES

The Mast, Drill Floor, and Substructure are designed for stability, overturning and higher wind loading than rigs built before 2013 do not have.

RBL INTERNATIONAL CAPABILITIES:

RBL International was formed by merging the engineering and manufacturing assets of several companies, including Structures & Systems Engineering, Inc. and BHL International, premier rig design and construction companies.



AMERICAN
WELDING SOCIETY

Our 6-acre facility has three (3) pads for rig-up, assembly and testing of drilling rigs. Our key personnel are extensively experienced in onshore and offshore drilling rig design, construction and installation. Our President has over 50 years related experience, with a career lifetime dedicated to design and construction of offshore and onshore drilling rigs. RBL's personnel are extensively experienced on drilling rig structures and equipment. Many of our other senior personnel have long experience records in the industry.

Our knowledge of drilling rigs is equal to the best available in the industry. To our knowledge we are the only company who has performed a Joint Industry Study (JIS) about Offshore Platform Drilling Rigs. This JIS was sponsored by Exxon Mobile, Chevron Texaco, Atlantic Richfield (ARCO), AGIP and other companies.

Sample projects worked on are as follows:

Exxon Platform “Harmony”

Exxon owned rig
1300 Ft. water depth
Zone 4 earthquake criteria
Offshore California, U.S.A.

Exxon Platform “Heritage”

Exxon owned rig
1100 Ft. water depth
Zone 4 earthquake
Offshore California, U.S.A.

Chevron Platform “Hermosa”

For Dual Drilling (now Ensco)
Offshore California, U.S.A.
Zone 4 earthquake criteria

Chevron Platform “Hidalgo”

For Dual Drilling (now Ensco)
Offshore California, U.S.A.

Marathon Oil Platform “Steelhead”

Marathon owned rig
Cook Inlet, Alaska, U.S.A.
Zone 4 earthquake criteria

Etesco Brazil Platform Rig

Working for Petrobras, Brazil

Shell Tension Leg Platform “Auger”

Gulf of Mexico, U.S.A.
TLP in 2000 Ft. water depth
-Our involvement included all procedures for drilling, completion, workover including equipment in the Moonpool to Handle Transfer of Production Risers at 32 well locations.

Esso Production Australia

For Pool Company (now Nabors)
Rig 421

Esso Production Maylasia

For Pool Company (now Nabors)
Rig 405

Lanzagorta/Conjunto Manufacturero

Offshore Platform Rigs for Pemex
-Our involvement included Engineering, Design, Consulting and Support Services for the construction of the Rigs in Tampico, Mexico to supplement and oversee the activities of McDermott.

CLIENT LIST
RBL INTERNATIONAL, INC.

* Companies in RED are Oil & Gas Companies/Oil Producers

* Companies in GREEN are Major Drilling Contractors

* Companies in BLUE are Major Manufacturers

Advance Petroleum Services, Inc.	Industrial Oilfield and Marine Components Inc
Agip	Integrated Drilling Equipment
Allison Drilling Co. Inc.	IPS Cardwell
Aminoil USA, Inc.	IRI International
Atlantic Pacific Marine Corporation	James G. Brown & Associates, Inc.
Atlantic Richfield	JC Building & Equipment
Atwood Oceanics, Inc.	Keppel Fels
Baker Marine Engineers, Inc.	Lantern Drilling
Baker World Trade, Inc.	Latina
Baylor Company	Latshaw Drilling
BJ-Hughes, Inc.	Lanzagorta (For Pemex)
Blue Crest Energy	Lear Petroleum Corporation
Bowen Oil Tools	Lebus International, Inc.
British Petroleum	Mesa Drilling Inc.
Brown Services, Inc.	Maveric Oilfield
Capax Industries, Inc.	Marathon LeTourneau
Chevron Oil Company	Marathon Oil Company
Caroil	Merit Drilling
Cardinal Drilling Ltd. Nigeria	Mobil Oil Company
Cho-Taw	Moran Drilling
C & L Drilling	Mountain Drilling Company
Conjunto Manufacturero	Nabors
Continental Emsco	National Oilwell Varco (NOV)
Cox-Engineering, Inc.	National Supply Company
Dan-Tex Drilling, Inc.	Navix
Davis Rig Equipment, Inc.	Oleum Equipment & Supply Company
Delta Drilling, Co.	Parker Drilling Company
Diamond Shamrock	Perbras
Dixilyn-Field Co.	Petrologistica - Venezuela
Dolphin International, Inc.	Petrex
Dreco Inc.	Perforadora de Mexico (Pemsa)
Dredge Technology Corporation	Pickett Oilfield
Dual Drilling Co.	Pool Company
Egyptian Drilling Co.	Pride International
Eltex Drilling Co. Inc.	Precision Industries
Energy Drilling	Producers Gas Corporation
Etesco	Queiroz Galvao Oleo E Gas
Eurasia Drilling	RAM Oil Tools
Exxon Production Company	Reading & Bates Drilling Company
Exxon Production Research	Red Fox Industries, Inc.
Forest Oil	Resource Drilling, Inc.
Global Marine Drilling	Rotary Components International
Godrus Drilling Company	Romfor
Green Valley Oil Services (GVOS)	Rowan Drilling, Inc.
Gulf Copper Energy	Salen Offshore Drilling Company
Helmerich & Payne	Saipem
IDECO, Dresser Industries, Inc.	Saxon Energy Services
IDM Components	Shell Oil Company

CLIENT LIST
RBL INTERNATIONAL, INC.

Schahin Cury
Simmons-Edeco
Skytop Rig Company
Sohio
Sonpetrol
Standard Drilling
Sundown Drilling Company
Tecon Services Nigeria
Tenneco
Terra Texas
Thermasource
Top Drilling Company (Colombia)
True Drilling
Unit Drilling Company
Varco International
Varisur
Weatherby Engineering
Weatherford
Well Services Petroleum Company
Welltech, Inc.
Western Oceanics, Inc.
Wilcrest Engineering Corporation
Wirth GMBH West Germany
Zapata Offshore Company

RBL CAPABILITIES

Significant Experiences:

Oil Operations, Drilling Contractors, Manufacturers and Suppliers.

I. Oil Operators:

A. Exxon

1. Offshore Platform Drilling Rigs for Harmony and Heritage Offshore California in 1300' and 1100' water depth. Most stringent earthquake loadings. Complete 9-year design and analyses involvement for RBL International from permitting to installation plus continual services.
2. Complete rig design of the drilling rig on the Super CIDS (Concrete Island Drilling Structures), a joint venture between Global Marine and Parker Drilling funded by and for Exxon. Originally built for Alaska, later moved to Sakhalin Island Russia, drilled up to 15,000 meter depth wells, deepest in the world.
3. Complete operations and design verification of a 4000HP Land Drilling Rig before drilling deep gas well in Enid, Oklahoma to establish integrity.
4. Joint Industry Study: Offshore Platform Rig Optimization and Effects on Fixed Platforms.

B. Shell:

1. 8 year involvement in the design of the Auger TLP (Tension Leg Platform) the first TLP for the Gulf of Mexico. RBL International designed the transfer of 32 Production Risers to their fixed locations after drilling from the center of TLP. Complete design and analyses of the elastomeric cylinders (instead of hydraulic cylinders that leak). These cylinders support the production risers and can take 1,000,000 lbs. Designed the Subsea BOP Handling System and the Production Tensioners Handling System.
2. Designed several platform rigs including the rig for Shell Cognac Platform in 1600' of water depth.
3. Designed a 3000HP inland barge rig that worked for Shell in Nigeria.

C. Chevron:

1. Designed platform drilling rigs for offshore California including for Platform Esther, Platform Hidalgo, Hermosa, Gail, Harvest (formerly owned by Texaco), Platform Gilda (former Union Oil). Gilda has 96 wells the most wells in the world.
2. Designed a Platform Drilling rig that would be transferable and fit 16 platforms for Angola.
3. Designed a 4000HP Land Rig for an application in Cameroon, Louisiana U.S.A. Eventually Chevron hired a drilling contractor,

Unit Drilling to supply and drill the well. RBL International designed this Unit Drilling Rig in 1982.

4. Participated in RBL's Joint Industry Study with Exxon and other participants.

II. Drilling Contractors:

A. Parker Drilling:

1. Designed (12) 3000HP Drilling rigs to work in the U.S., Middle East and South America.
2. Designed Parker Rig 201, 4000HP Land Drilling Rig completed in 1982!
3. Designed numerous other land rigs of different sizes: 2000HP, 1500HP, 1000HP, 750HP.
4. Designed Land Rigs for Alaska (Prudhoe Bay and Kuparuk) for - 40°F cold temperature requirement and heavy rig moving system.
5. Designed and build Helicopter Transportable Rigs.

B. Pool Company (now Nabors):

1. Designed several Platform Drilling Rigs that can work offshore and land.
2. Designed several Thums Island (in California) land rigs.
3. Designed two (2) rigs to work in Malaysia
4. Designed the two (2) Platform Rigs on Union Platform Gilda (now Chevron) to drill 96 wells.
5. Over a period of 20 years was heavily involved in maintenance of land rigs all over Texas. Pool had over 400 rigs at that time.

C. Romfor:

1. Designed (3) Land Drilling Rigs for Iraq. 2000HP, 1500HP and 1000HP.
2. Designed a Geothermal Rig for Thermasource.
3. Designed and supported refurbishment of (7) Land Drilling Rigs of different sizes.

D. Saipem:

1. Designed and manufactured 2000HP Land Drilling Rigs for Peru and Venezuela.
2. Manufactured a complete Helicopter Transportable Rig for Peru.

E. Caroil:

1. Complete design, manufacture and deliver a 2000HP x 1,300,000 lbs. Hook Load Land Drilling Rigs for Nigeria.
2. Complete design and manufacture of a 750HP Hook Load Land Rig for Nigeria
3. Complete Design of a complete 3000HP in-land Barge Rig for Nigeria. Fabrication was deferred by Caroil.

III. Manufacturers and Suppliers:

A. Dresser-Ideco:

1. Designed a complete line of Land Drilling Rigs 3000HP, 2100HP, 1700HP and other smaller rigs.
2. Designed a Desert Rig for the Middle East.
3. Designed a Helicopter Transportable Rig for jungle operations.
4. Designed an Offshore Platform Drilling Rig for the Gulf of Mexico.

B. IRI International:

1. Designed (2) complete Drilling Rigs that can skid to several wells.
2. Supported IRI's efforts to rig-up various drilling rigs for international sales.

C. Continental Emsco:

Skytop

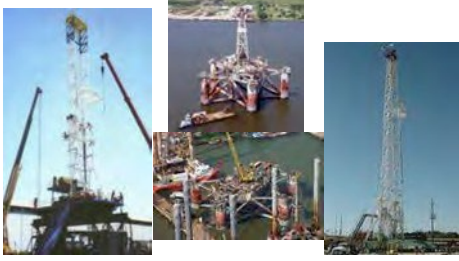
Oilwell

IPS Cardwell

Lanzagorta

Conjunto Manufactorero

For more than 40 years, supported the efforts for these companies to design, manufacture and supply products and services to the drilling industry

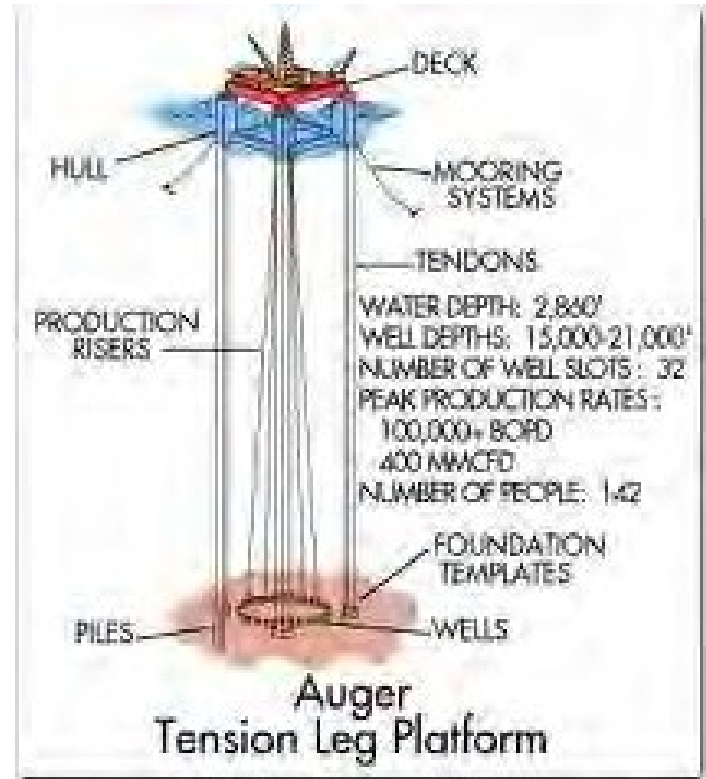


RBL INTERNATIONAL, INC.

SPECIAL PROJECTS PERFORMED BY RBL INTERNATIONAL

**Not done by others*

- The complete drilling rig on the CIDS (Concrete Island Drilling Structure) project for Exxon on the Alaskan Beaufort SEA – the only one of its kind in the world. The CIDS has been moved to Sakhalin Island in Russia now drilling 15,000 meter wells, deepest in the world.
- Drilling Rigs on ice islands in the Canadian Beaufort SEA in 1000 ft. of water depth for Panarctic and Parker Drilling.
- 3000 HP rig drilling on land, producing offshore in Cook Inlet, Alaska for Bluecrest Energy. The rig is designed to drill a total of forty (40) wells.
- Offshore Platform Drilling Rig for Marathon Oil Steelhead Platform in Cook Inlet, Alaska. The drilling rig drills wells inside concrete legs and skids from one of the four legs to the other, to protect the wells from ice floes. The four legs are 120' in a square pattern. The rig is designed for severe earthquake criteria.
- Over twenty (20) helicopter transportable rigs for Parker Drilling, Dresser-IDECO, IPS-Cardwell, Brown Services, Kidde Company. These rigs worked in Brazil, Peru, Colombia, Indonesia, Papua New Guinea, and ice-covered areas in Alaska, where no roads or transport exist.
- Designed Parker Drilling Unit 201 (4000 HP x 2,000,000 lbs. Hook Load Drilling Rig) in 1982, over 40 years ago. The rig is still working today! It has worked for Exxon, Chevron, McMorran, GHK, and others.
- Designed the Drilling Rig for Exxon Platforms Harmony and Heritage to work in 1,300 ft. and 1000 ft. water depth offshore California. The drilling rigs were designed under the most severe earthquake criteria.
- Designed the two (2) Drilling Rigs for Union Platform Gilda (now Chevron) which have the most number of wells on an offshore platform (96 wells!)
- Working for Chevron, designed a Drilling Rig that could drill all wells for over 10 offshore platforms in Angola.
- Performed a Joint Industry Study "Offshore Platform Rig Optimization and its Effects on the Fixed Platform". The study was sponsored by Exxon, Chevron, Agip, Atlantic Richfield and others.
- Along with other companies, participated in the Design, Construction, Commissioning, Installation, Operation and Maintenance of the First Tension Leg Platform (TLP) in the Gulf of Mexico – Shell Augur Platform.



Shell Oil Company Auger TLP

Along with other companies, participated in the design, construction, installation and start-up of the multibillion dollar Offshore Drilling and Tension Leg Platform (TLP), the first in the United States.



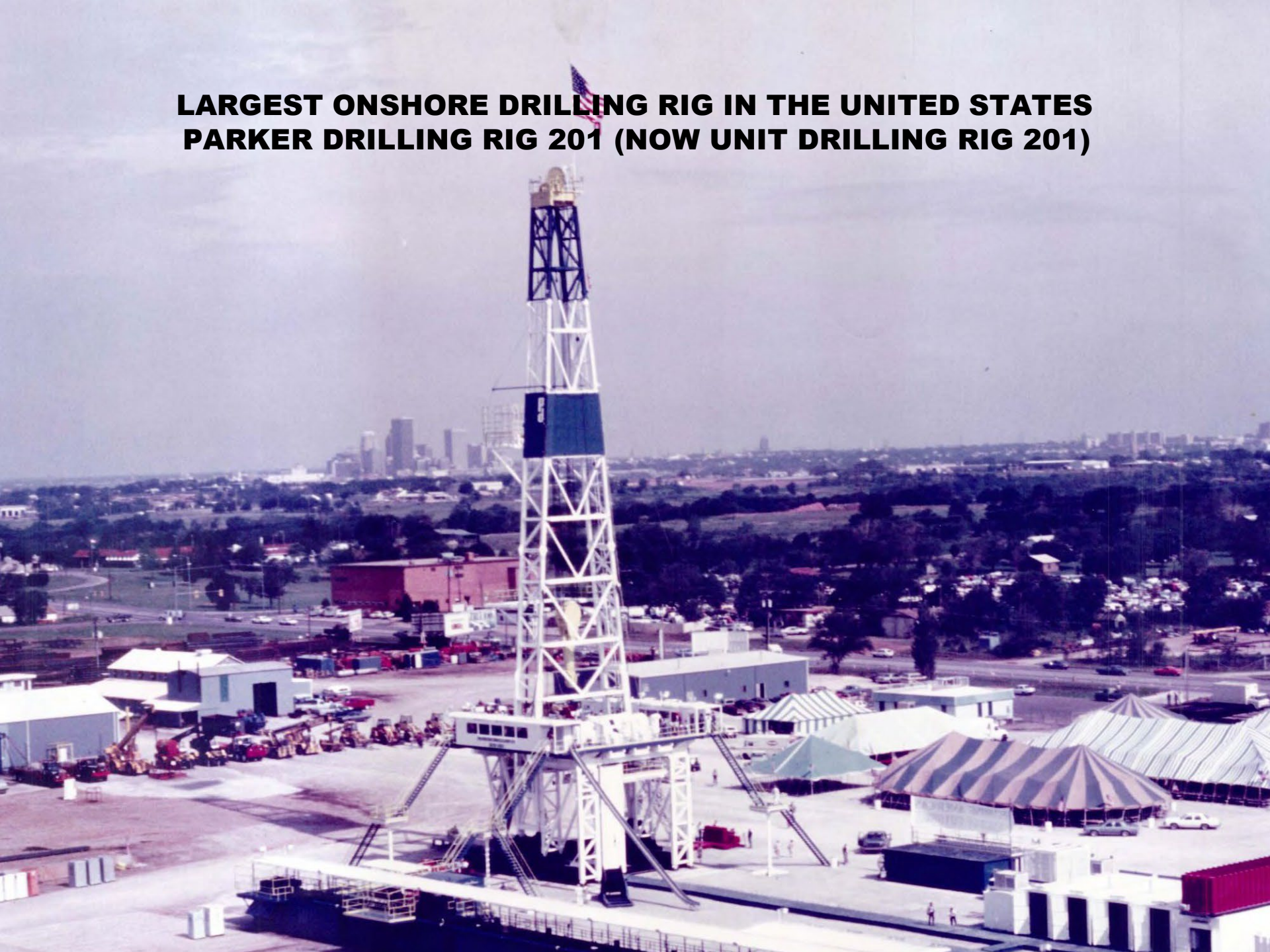
Project managed and designed the Drilling Rig on the floating and movable Super CDIS (Concrete Island Drilling Structure), the only such structures in the world, operating for Exxon-Mobile in Alaskan Beaufort Sea. The Rig was fully winterized to operate in -40°F environment.

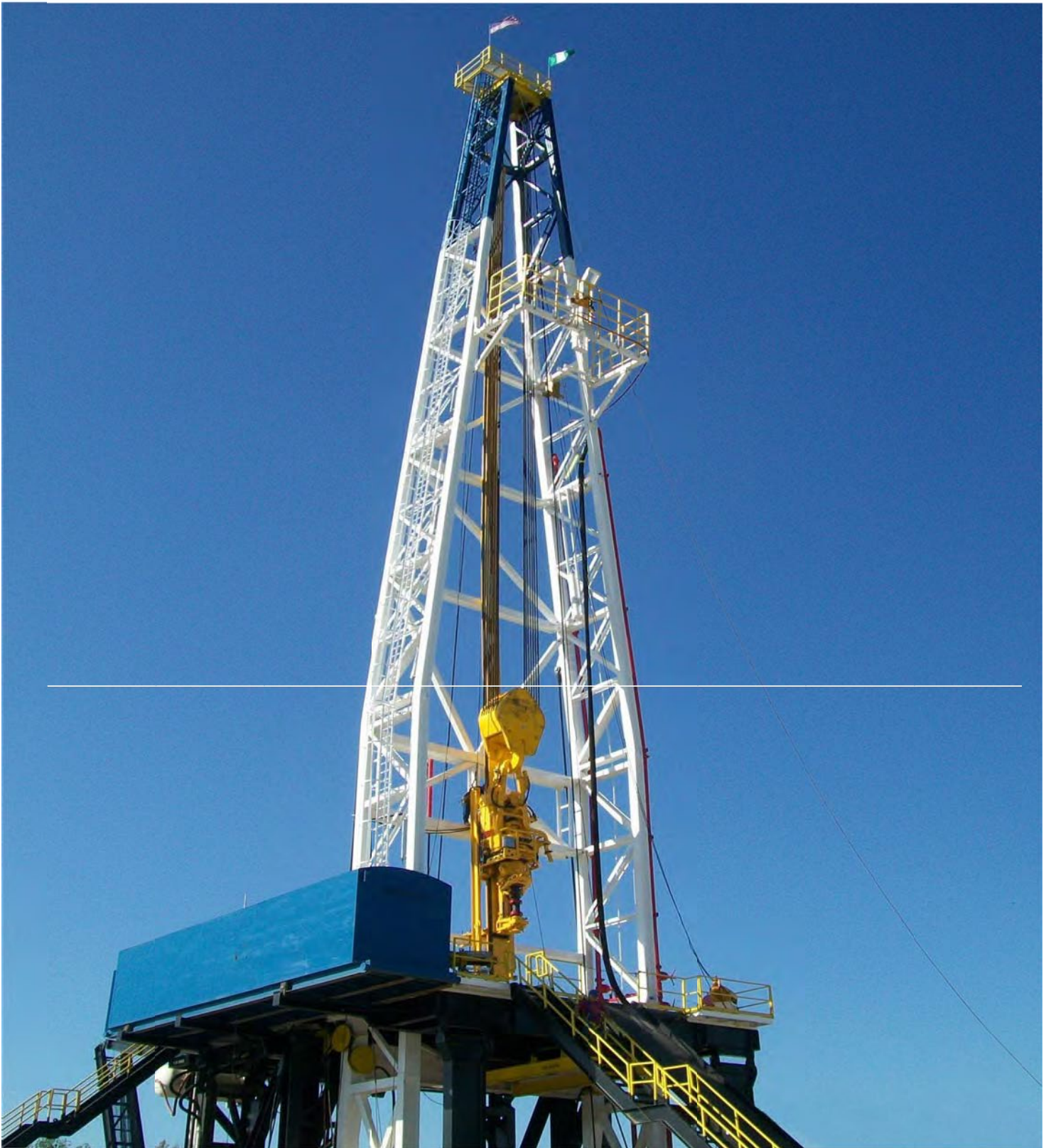


ExxonMobil drilled the world's longest offshore horizontal-reach well in the Santa Ynez Unit off the coast of California. Technologies such as extended-reach drilling help to produce more domestic supplies of oil to meet America's growing energy needs.

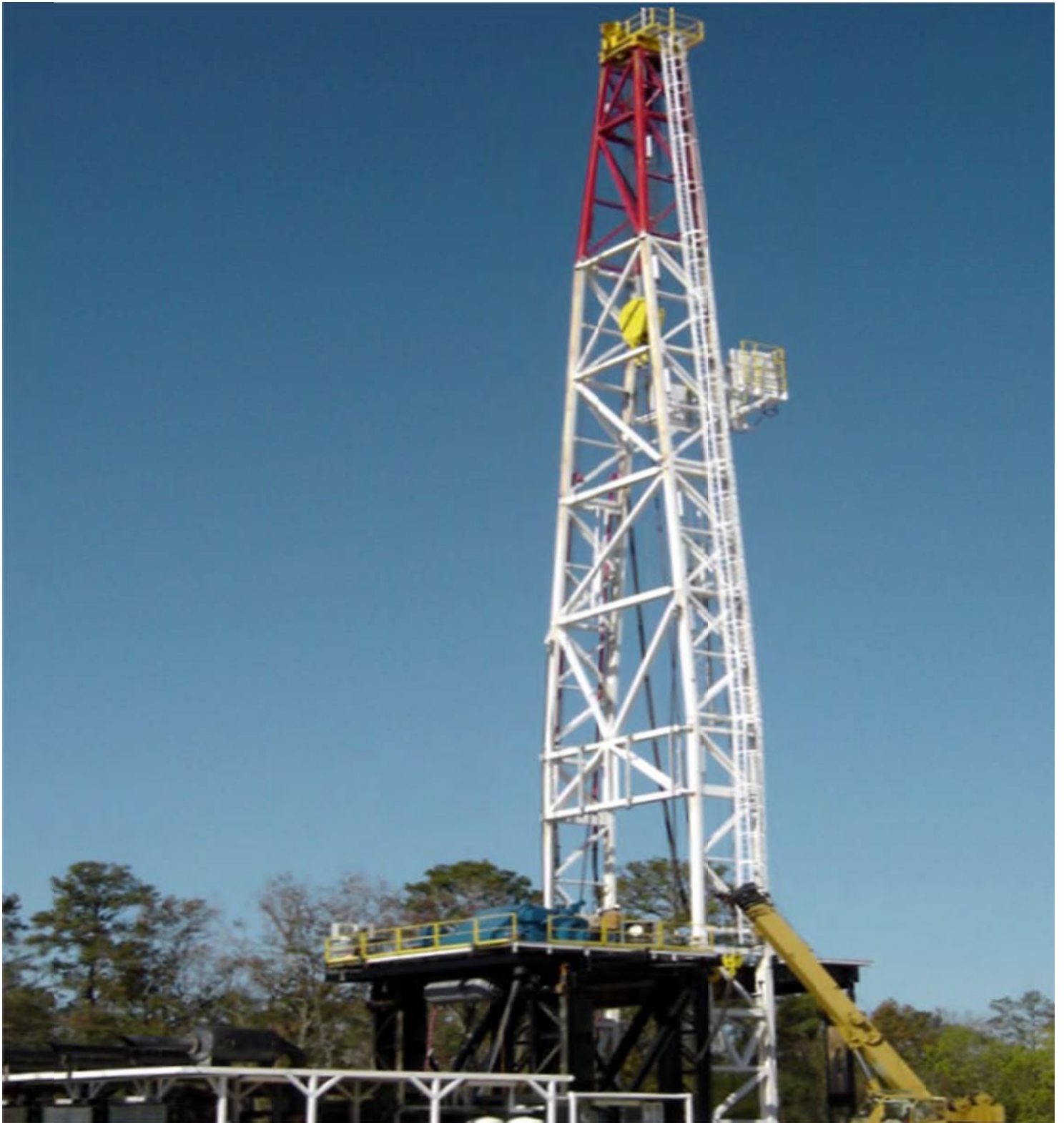
Designed the Drilling Rigs on Exxon-Mobil offshore platforms Harmony and Heritage under severe earthquake criteria in 1,300 ft. and 1,100 ft. water depths. No other offshore drilling rigs in the world have more severe earthquake criteria.

**LARGEST ONSHORE DRILLING RIG IN THE UNITED STATES
PARKER DRILLING RIG 201 (NOW UNIT DRILLING RIG 201)**





**3000HP x 1,500,000 LBS. HL DRILLING RIG
COMPLETE RIG PACKAGE WITH RIG SKIDDING SYSTEM
"READY TO DRILL"
MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



**2000HP x 1,300,000 LBS. HOOK LOAD DRILLING RIG
COMPLETE RIG PACKAGE "READY TO DRILL"
PERU**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



CARDINAL DRILLING SERVICES LIMITED
RIG 203

2000HP X 850,000 LBS. HOOK LOAD
COMPLETE RIG PACKAGE "READY TO DRILL"

MANUFACTURED BY:
RBL INTERNATIONAL, INC.



**1500HP x 750,000 LBS. HOOK LOAD DRILLING RIG
COMPLETE RIG PACKAGE "READY TO DRILL"
U.S.A.**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



**1500HP ELECTRIC DRILLING RIG
COMPLETE RIG PACKAGE “READY TO DRILL”
VENEZUELA**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



**1500HP ELECTRIC DRILLING RIG
COMPLETE RIG PACKAGE “READY TO DRILL”
U.S.A.**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



**1500HP ELECTRIC DRILLING RIG
COMPLETE RIG PACKAGE "READY TO DRILL"
U.S.A.**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



**1000HP TRAILER MOUNTED DRILLING/WORKOVER
COMPLETE RIG PACKAGE "READY TO DRILL"
NIGERIA**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



**750HP CARRIER MOUNTED DRILLING/WORKOVER
COMPLETE RIG PACKAGE "READY TO DRILL"
NIGERIA**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



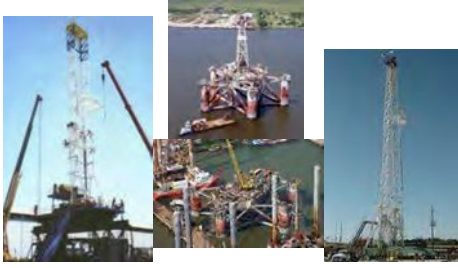
**750HP TRAILER MOUNTED DRILLING/WORKOVER
COMPLETE RIG PACKAGE "READY TO DRILL"
NIGERIA**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



**OFFSHORE PLATFORM RIG
COMPLETE RIG PACKAGE "READY TO DRILL"
BRAZIL**

**MANUFACTURED BY:
RBL INTERNATIONAL, INC.**



RBL INTERNATIONAL, INC.

DESIGNS

RBL International has designed numerous Mast & Substructures, all to API Specification criteria, including the following:

RBL Conventional Mast with Self-Elevating Structures

- 350,000 lbs. Hook Load Mast with Self-Elevating Type Substructure
- 450,000 lbs. Hook Load Mast with Self-Elevating Type Substructure
- 550,000 lbs. Hook Load Mast with Self-Elevating Type Substructure
- 750,000 lbs. Hook Load Mast with Self-Elevating Type Substructure
- 1,000,000 lbs. Hook Load Mast with Self-Elevating Type Substructure
- 1,250,000 lbs. Hook Load Mast with Self-Elevating Type Substructure
- 1,500,000 lbs. Hook Load Mast with Self-Elevating Type Substructure
- 2,000,000 lbs. Hook Load Mast with Self-Elevating Type Substructure

Conventional Mast with Box-on-Box Substructures

- 131' x 350,000 lbs. Hook Load Mast, Box-on-Box Type Substructure
- 131' x 450,000 lbs. Hook Load Mast, Box-on-Box Type Substructure
- 136' x 550,000 lbs. Hook Load Mast, Box-on-Box Type Substructure
- 136' x 650,000 lbs. Hook Load Mast, Box-on-Box Type Substructure
- 136' x 750,000 lbs. Hook Load Mast, Box-on-Box Type Substructure
- 142' x 1,250,000 lbs. Hook Load Mast, Box-on-Box Type Substructure
- 147' x 1,500,000 lbs. Hook Load Mast, Box-on-Box Type Substructure
- 154' x 2,000,000 lbs. Hook Load Mast, Box-on-Box Type Substructure

RBL Conventional Trailer Mounted Telescoping Masts

- 112' x 350,000 lbs. Hook Load Telescoping Mast
- 112' x 400,000 lbs. Hook Load Telescoping Mast
- 130' x 550,000 lbs. Hook Load Telescoping Mast
- 136' x 750,000 lbs. Hook Load Telescoping Mast

- 139' x 850,000 lbs. Hook Load Telescoping Mast
- 147' x 1,000,000 lbs. Hook Load Dynamic Derrick
- 160' x 1,250,000 lbs. Hook Load Dynamic Derrick

RBL Offshore Telescoping Mast and Dynamic Derrick

- 112' x 350,000 lbs. Hook Load Telescoping Mast
- 112' x 400,000 lbs. Hook Load Telescoping Mast
- 130' x 550,000 lbs. Hook Load Telescoping Mast
- 136' x 750,000 lbs. Hook Load Telescoping Mast
- 139' x 850,000 lbs. Hook Load Telescoping Mast
- 147' x 1,000,000 lbs. Hook Load Dynamic Derrick
- 160' x 1,250,000 lbs. Hook Load Dynamic Derrick

RBL Offshore Platform Workover Rigs

- 240,000 lbs. Hook Load Offshore Platform Workover Rig
- 450,000 lbs. Hook Load Offshore Platform Workover Rig
- 500,000 lbs. Hook Load Offshore Platform Workover Rig
- Offshore Platform Workover Rig – Heavy Lift
- Offshore Platform Workover Rig – SPAR Application
- Offshore Platform Workover Rig – Zone 4 Earthquake Application

RBL Offshore Platform Drilling Rigs

- Offshore Artic Platform Drilling Rig (Heavy Lift)
- Offshore Platform Drilling Rig Concepts – All Capabilities
- Offshore Platform Drilling Rig – Zone 4 Earthquake Applications
- Offshore Platform Bootstrap Rigs

RBL Specialized Land Rigs

- 650,000 lbs. Hook Load Artic Land Rig with Box-on-Box Type Substructure
- 750,000 lbs. Hook Load Artic Land Rig with Box-on-Box Type Substructure
- Vertically Telescoping Mast
- “Prodrill” Pad Rig 20,000’ Drilling Depth

RBL Quick Assembly Rig (QAR)

- QAR 1000 HP, 500,000 lbs. Hook Load (Mechanical & Electric)
- QAR 1200 HP, 600,000 lbs. Hook Load (Mechanical & Electric)
- QAR 1500 HP, 715,000 lbs. Hook Load (Mechanical & Electric)
- QAR 1500 HP, 750,000 lbs. Hook Load (Mechanical & Electric)

RBL Special Application Helicopter Lift Rigs

- 350,000 lbs. Heli-Hoist Mast and Substructure
- 450,000 lbs. Heli-Hoist Mast and Substructure
- 750,000 lbs. Heli-Hoist Mast and Substructure
- 800,000 lbs. Heli-Hoist Mast and Substructure
- 1,050,000 lbs. Heli-Hoist Mast and Substructure