

Mantenimiento Morichal C.A.

RIF: J-07046861-0

Address: Tía Juana, Zulia State, Venezuela

www.manmorca.com

Presented for



CORPORATE PROFILE

A TRACK RECORD OF COMMITMENT

Founded in 1990 in Tía Juana, Zulia State, Mantenimiento Morichal C.A. (MANMORCA) began operations providing specialized services to the Venezuelan oil industry. Since our beginnings, we have been dedicated to delivering comprehensive solutions that ensure the efficiency and safety of our clients' operations.



STRATEGIC EXPANSION

- In 1999, we significantly expanded our service portfolio by integrating the distribution of specialized chemical products.
- This addition allowed us to offer complete treatments for formation fluids and production lines, consolidating our position as a comprehensive provider in the sector.



HEAD OFFICE



ADDRESS

Carretera G, Sector Ezequiel
Zamora, Parroquia Manuel
Manrique, Tía Juana, Simón
Bolívar Municipality, Zulia State,
Venezuela.



REGISTRATIONS

RNC: 0301010070468610 |
RACDA:
M-TMSDP-AL-Tr-NC-2004-0426.



CONTACT

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UTILITY BOAT MARIA



DIMENSIONS:

-**Length:** 33.10 m

SAFETY FEATURES:

-**Beam:** 8.00 m

-**Depth:** 1.70 m

-Fire alarm panel with six (6) fire detectors installed.

-Firefighting line system with TWO monitors coupled to a 7.5 HP pump.

-Saltwater line installed in the engine room.



INTERNAL STORAGE

-4 fuel tanks: 2 of 120 bbl and 2 of 90 bbl, for a total capacity of 420 bbl.

-One (1) ballast tank (oily waste)

-One (1) 90 bbl potable water tank.

UTILITY BOAT MARIA



WORKING EQUIPMENT:

- 1 TRIPLEX GARDNER DENVER pump with 4-1/2 pistons (maximum pumping capacity 1,200 HP, 5,000 PSI)
- Flow and rate analyzer + pressure gauges
- 1 motor pump with 8V71 engine coupled to a MISSION 8x6 centrifugal pump.
- 1 stainless steel filtration unit with 16 filters.
- Articulated boom hydraulic crane, max. capacity 5 t. Max. sling 10.5 m.
- Storage capacity: 530 BARRELS for transporting fluids and chemical products.





UTILITY BOAT CARMEN TERESA

Equipped with a 5,000 PSI triple pump rated at 10 BPM, an 11-ton telescopic crane and high-pressure connections for subsea well operations.

DIMENSIONS

- Length:** 28.18 m
- Beam:** 7.30 m
- Depth:** 3.17 m

SAFETY FEATURES

- Fire alarm panel with six (6) fire detectors installed.
- Firefighting line system with TWO monitors coupled to a 7.5 HP pump.
- Saltwater line installed in the engine room.
- Extinguishers located in strategic areas.

EQUIPMENT

- 1 triple pump, 5,000 psi, 10 BPM rate, with 16V71GM engine
- Flow and rate analyzer + pressure gauges
- 1 centrifugal pump 4" x 4" with 8V71GM engine
- 1 stainless steel filtration unit with 16 filters
- Telescopic crane, max. capacity 11 t.
- Anchor with 5-ton winch system
- High-pressure connections for well hook-up.

SERVICES AND OPERATIONS

MARINE



TUGBOATS



BARGES



**BASKETS AND
CONTAINERS**

SERVICES AND OPERATIONS ONSHORE



CRANES



WELDING MACHINES



FORKLIFTS

SELF-PROPELLED PUMPING UNIT



Land unit conditioned to perform operations with hot fluid in onshore wells located throughout western Venezuela. It features a High-Pressure Triplex pump (0 – 5,000 psi), plus a low-pressure (centrifugal) pump to feed the entire High-Pressure pumping system; it includes a fluid storage tank with a maximum capacity of 75 barrels.

SLICKLINE WELL SERVICE

Well intervention and logging with a self-propelled slickline unit.



UNIT AND EQUIPMENT

- Working capacity up to 20,000 ft
- Two-section hydraulic mast up to 46' with 1,500 lbs
- Surface control equipment up to 5,000 lbs
- Tool set for "X" completions, 2 3/8", 2 7/8" and 3 1/2"
- Cabin facilities: A/C, 110 V and bed

SENSORS AND INSTRUMENTATION

- PLT string 1 3/8" x 14' (15,000 psi, 330 °F)
- Pressure and temperature recorders (15,000 psi, 330 °F)
- Electronic downhole shut-off valve: 4 cycles, differential pressure 10,000 psi, 300 °F

MAXIMUM OPERATING RANGES

15,000 psi • 330 °F • 10,000 psi differential pressure

SLICKLINE OPERATIONS

Mechanical work and electronic logging performed downhole.



MECHANICAL WORK

- Tubing gauging
- Downhole check and tubing correlation
- Opening and closing of sliding sleeves
- Well completion support
- Installation and removal of gas-lift valves
- Installation and removal of plugs
- Installation and removal of safety valves
- Installation and removal of jet pumps
- Cleaning of obstructions
- Leak detection
- Fishing of wire, tools and equipment

ELECTRONIC MEMORY LOGGING

- Static and dynamic surveys
- Electronic downhole shut-in
- Pressure build-up and fall-off surveys
- Multi-rate surveys
- Interference tests
- Production and injection logs (PLT, ILT)
- GR-CCL correlation logs
- Temperature logs

PRECISION ON EVERY RUN

Downhole data acquisition with 15,000 psi and 330 °F sensors for well diagnostics.

SLICKLINE AND BRAIDED-LINE UNIT

Self-propelled dual-drum unit for oil and gas wells.



DUAL-DRUM SYSTEM

DRUM 1 • 0.125" SLICKLINE

- Special H₂S and CO₂ resistant wire
- 20,000 ft reel length

DRUM 2 • 5/16" BRAIDED LINE

- Multi-strand wire rope
- 18,000 ft reel length
- Dedicated to fishing operations

UNIT AND OPERATION

- Specialized equipment for oil and gas well services
- Two-section hydraulic mast up to 46' with 1,500 lbs
- Surface control equipment up to 5,000 lbs
- Operator cabin with control panel and instrumentation
- Working capacity up to 20,000 ft
- Fishing of wire, tools and equipment downhole

MAXIMUM REACH PER DRUM

20,000 ft (slickline) • 18,000 ft (braided line)

FLUID FILTRATION EQUIPMENT



Double vessel, fully manufactured in stainless steel. Sixteen (16) replaceable 30" or 40" cartridge filters per vessel, with double O-ring seal. Flow capacity up to 10 bpm.

BATCH MIXING UNIT (BATCH MIXER)

50 Bbl stainless steel tank with agitation system and hydraulic pumping unit.



TANK

- Built entirely in stainless steel
- 50 Bbl capacity with volume sight glass and loading/discharge piping
- Agitation system with high-efficiency blades: prevents solids settling and ensures a homogeneous mix
- Quick-coupling connections (camlock or industrial flanges) on suction and discharge

PUMPING UNIT

- Positive displacement hydraulic pump with reduction gearbox for speed adjustment
- Roller chain and sprocket coupling to the drive shaft for fluid recirculation and discharge
- $\frac{3}{4}$ " I.D. crimped hydraulic hose with high-pressure threaded connections
- Motor starter protector with start/stop buttons mounted on the frame
- Heavy-duty industrial assembly

BATCH MIXER COMPLETE UNIT

Wrap-around access stairway and tank plus pumping unit assembly.

ACCESS STAIRWAY

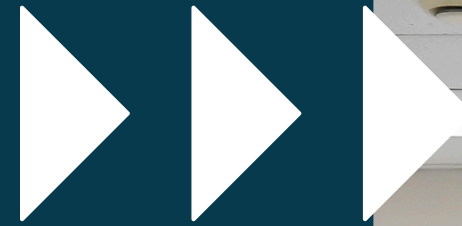
- Sturdy structure in tubular steel profiles with firm supports
- Curved wrap-around layout matching the tank contour
- Diamond plate anti-slip steps
- Continuous perimeter handrails in high-visibility yellow, per safety standards



Assembly on site: tank, agitator and pumping unit.



drilling fluids laboratory





PHYSICAL-CHEMICAL CRUDE OIL ANALYSIS

- ✓ Water and sediment determination (BS&W).
- ✓ S.A.R.A. analysis.
- ✓ Emulsion percentage determination.
- ✓ Paraffin percentage determination.
- ✓ Asphaltene percentage determination.
- ✓ Fluid viscosity determination.
- ✓ Crude oil gravity determination (API).





FLUIDS AND CHEMICAL PRODUCTS

- ✓ Demulsifier.
- ✓ Surfactants.
- ✓ Clarifiers.
- ✓ Scavengers.
- ✓ Corrosion inhibitors.
- ✓ Clay stabilizers.
- ✓ Thermally stable fluids.
- ✓ Cleaning gels.
- ✓ Well workover and control fluids.
- ✓ Aromatic and mutual solvents.
- ✓ Asphaltene dispersants.
- ✓ Acid pills.
- ✓ Barite.





CONTRACTS COMPLETED AND IN PROGRESS

Continuous operating track record serving the national oil industry, 2003 – present.

CONTRACT No.	YEAR	DESCRIPTION
460001737 / 477000273	2003 – 2005	PUMPING AND STIMULATION SERVICE ONSHORE AND ON LAKE MARACAIBO.
4600009053	2005 – 2007	PUMPING SERVICE IN WELLS OF THE WESTERN DIVISION.
4600014095	2006 – 2008	PUMPING SERVICE IN OIL WELLS IN THE WESTERN DISTRICT.
4600022258	2008 – 2010	PUMPING SERVICE IN OIL WELLS OF THE MARACAIBO DISTRICT.
4600035146	2010 – 2012	PUMPING SERVICE IN AN OIL WELL IN THE WESTERN DIVISION.
4600038777	2011 – 2013	PUMPING SERVICE IN AN OIL WELL IN THE WESTERN DIVISION.
4600048774	2013 – 2015	SPECIALIZED MINOR PUMPING SERVICE WITH A SELF-PROPELLED, FULLY INTEGRATED UTILITY BOAT, UP TO 5000 PSI, IN THE WESTERN DIVISION, LAKESHORE.
4600067478	2017 – 2019	COMPREHENSIVE WORKOVER AND COMPLETION FLUIDS SERVICE FOR LAKE AND ONSHORE WELLS IN THE WESTERN REGION OF PDVSA SERVICIOS PETROLEROS, S.A. SOUTH LAKE PACKAGE 60%.
4600093508	2018 – 2020	FILTRATION SERVICE FOR WELL COMPLETION AND WORKOVER FLUIDS (ONSHORE PACKAGE).
4600095641 / 4600095642	2019 – 2021	MINOR PUMPING SERVICE ONSHORE AND ON LAKE FOR E.M. PETROZAMORA — PACKAGE 2.A LAKE.
4600095644 / 4600095645	2019 – 2021	MINOR PUMPING SERVICE ONSHORE AND ON LAKE FOR E.M. PETROZAMORA — PACKAGE 2.B LAKE.
4600132442	2023 – 2024	SPECIALIZED WELL SERVICES WITH SLICKLINE AND MINOR PUMPING, LAKE DIVISION.
4600139899	2024 – 2025	REPLACEMENT OF 7 KM OF PIPELINE BELONGING TO THE 30" OIL PIPELINE, PROGRESSIVE 60+000 TO 53+000, VELADERO BRANCH – EPT1.
TIAJUANAINVESTIMENT	2024 – 2025	RELOCATION OF LINE FROM 4" TO 12"; WELL CONTROL WITH GAS AND OIL LEAK.
1Q-075-002-D-24S-0035	2025 – 2026	SPECIALIZED WELL SERVICES WITH SLICKLINE, LAKE DIVISION, WESTERN BASIN — FRONT 2.
1300390373 / D-075-24-0037	2025 – 2026	SPECIALIZED WELL SERVICES WITH SLICKLINE, LAKE DIVISION, WESTERN BASIN — FRONT 2.
4600096613	2025 – PRESENT	PETROZAMORA, S.A. — WESTERN REGION.

CONTRACT IN PROGRESS – Q4 2025 TO DATE



**COMMITTED
TO
EXCELLENCE**

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