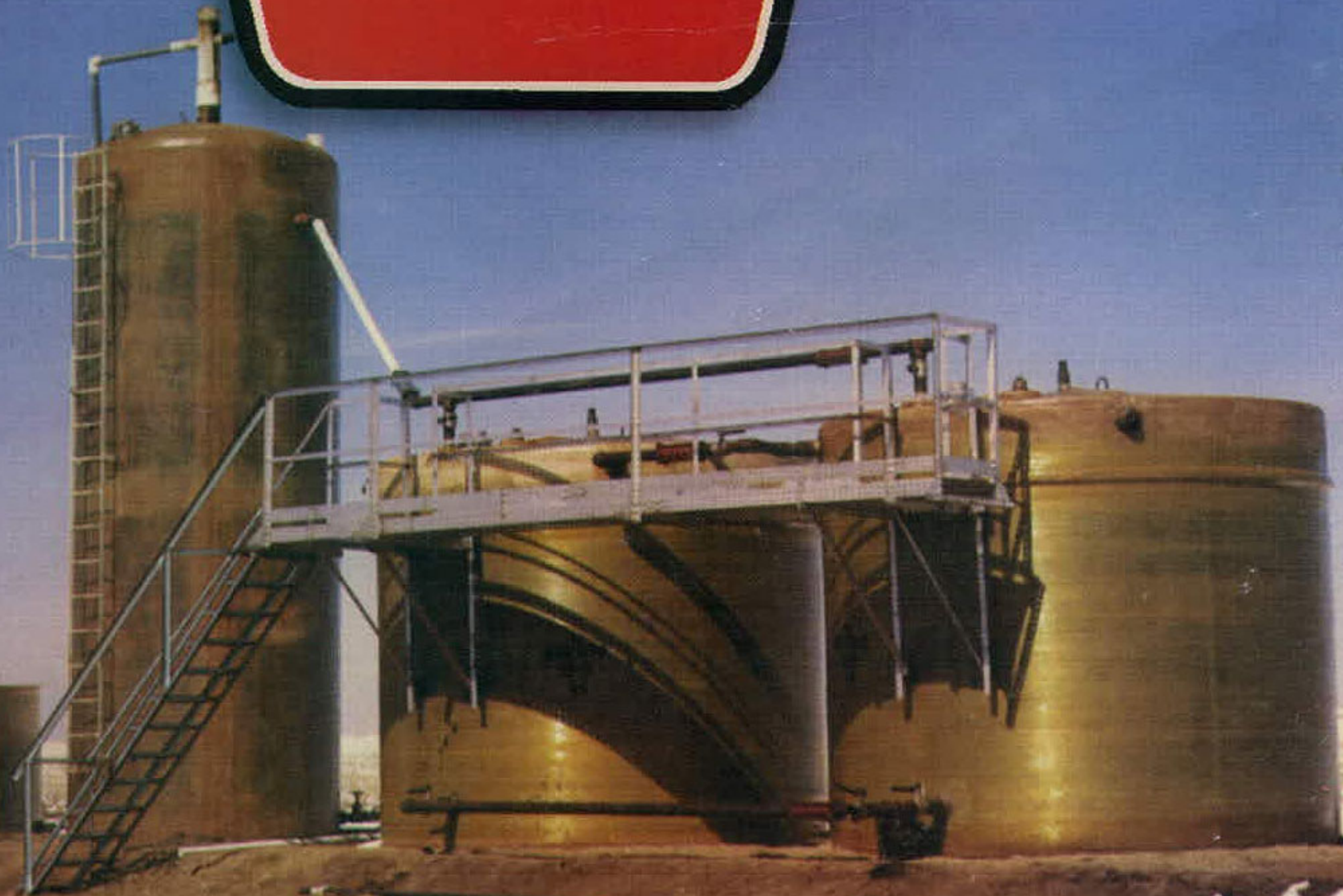


Fiberglass Tanks

SPECIFICALLY DESIGNED FOR THE OIL INDUSTRY



Proven Endurance and Reliability
for Storing and Hauling Corrosive Liquids

Palmer Filament Wound Fiberglass Storage Tanks

Fiberglass reinforced resin (just fiberglass, for short) has proven itself to be one of the most economical and effective materials for use around corrosive liquids. That's why we use it for Palmer Tanks.

But as manufacturers of fiberglass tanks found out, fiberglass can only be as reliable as the fabrication process.

So we have adopted a system which incorporates the most modern, automated process of filament winding to assure you that Palmer tanks are properly fabricated for durability as well as efficiently manufactured for economy.

Four Layers of Toughness.

In the production of a Palmer Filament-Wound Fiberglass Tank, the first two layers are specifically designed to form a corrosion barrier:

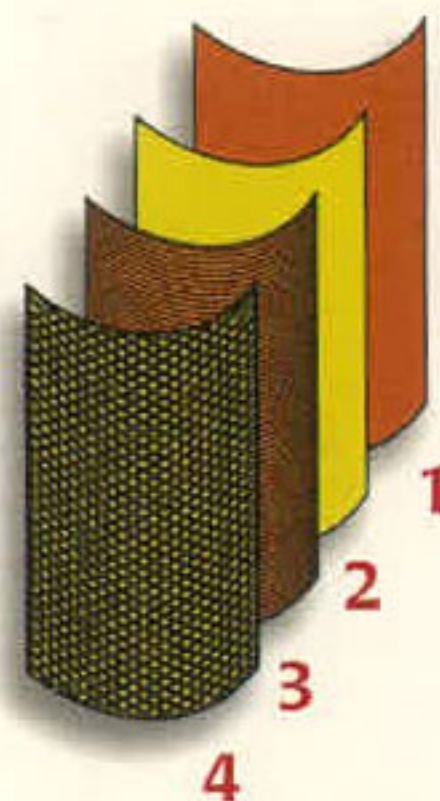
1 a layer of resin-rich surface mat formulated to be completely chemical resistant. It prevents weeping and interior surface breakdown.

2 another resin-rich layer but this one is chopped fiberglass reinforcement to add extra thickness and make the corrosion barrier even tougher.

The actual structure of the tank comes next, and is the filament wound layer:

3 continuous strands of fiberglass reinforcement, impregnated with resin are applied in either a criss-cross helical pattern or a hoop pattern to insure the highest longitudinal and circumferential strength possible. Our process is engineered to assure uniformity for the maximum laminate quality.

4 the final resin-rich fiberglass application gives our tank a maintenance-free surface, plus protection from harmful UV rays.



Standard Tanks Include

- Heavy Duty Lifting Lugs
- Barrel Strip laminated into Tank Body
- UV Retardant (protection against sunlight)
- All tanks have an internal liner of Isophthalic Resin and a veil lining to prevent weeping, wicking and corrosion control (unless otherwise specified)
- Striker Plates for all Closed Top Tanks with Thief Hatch.

Accessory Items Available

- 20" or 24" Manway
- API Fittings
- API Stair and Walkway
- Ladders (OSHA approved)
- Flanged, Threaded or Victaulic Fittings
- Bulkhead Fittings
- 20" Inspection Hatch
- Thief Hatch
- 100 BBL - 1000 BBL

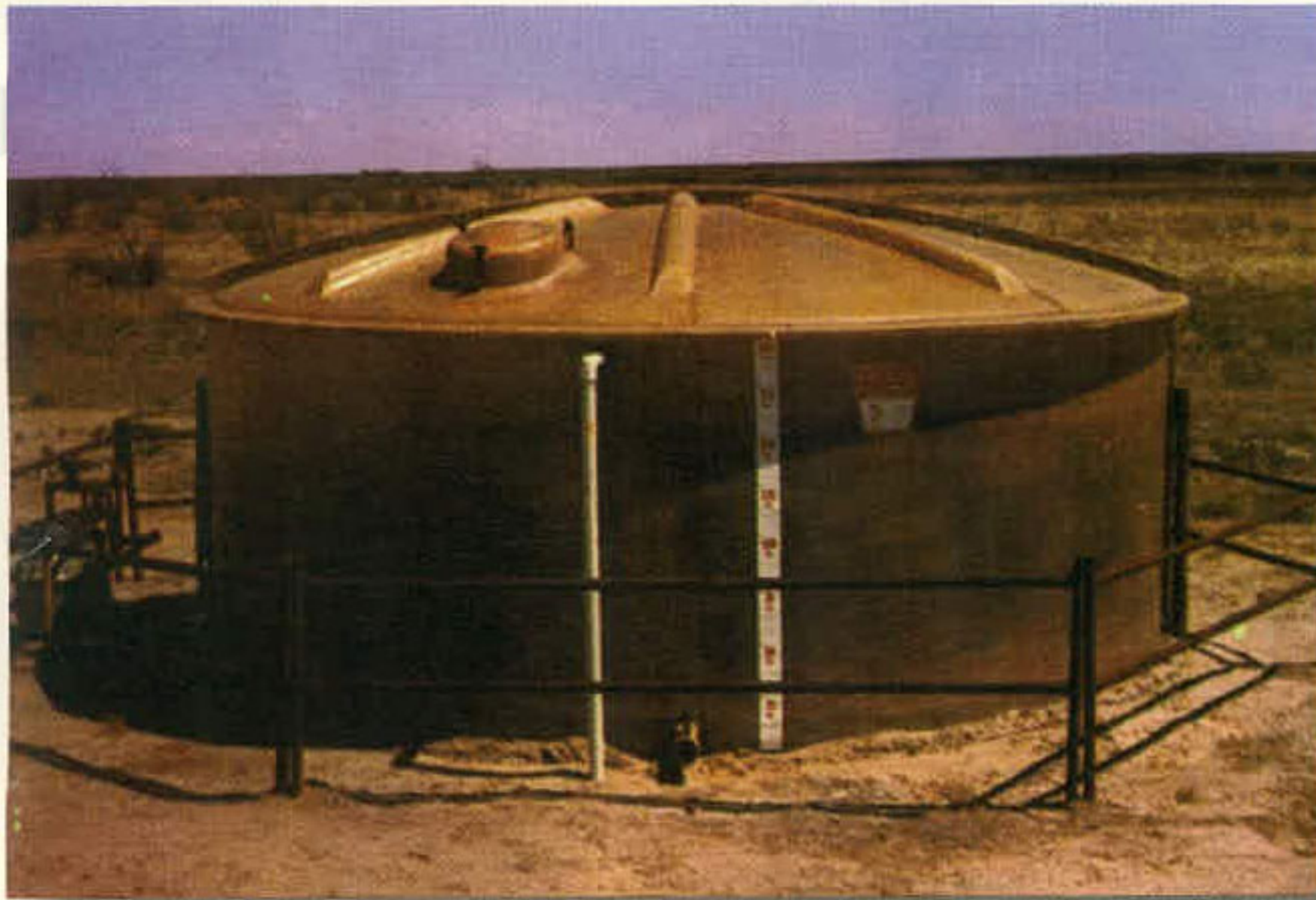


Palmer tanks are used throughout the oil industry, from the severe cold of Wyoming and North Dakota, to the heat and wind of Texas. Fiberglass tanks have become the best way to stop oil patch corrosion. These tough, light weight, corrosion resistant vessels are universally accepted throughout this tough industry. Even those who previously relied on steel and cast iron now depend on Palmer fiberglass tanks for...

- Oil Storage
- Salt Water
- Acids
- Hauling Tanks

Whatever your needs you can depend on Palmer Manufacturing and Tank, Inc. We produce the finest of both fiberglass and steel tanks for the oil industry.

Palmer Sectional Water Tanks



210 BBL CLOSED TOP

Delivered and installed by trained, experienced field crews. Fittings can be field installed. The open top 16' diameter tank offers advantages of water evaporation and a low profile. These models are available with all standard fittings and self-supporting two piece tops. For a reliable, maintenance-free water storage tank, we keep these models in stock for quick delivery.

Gunbarrels

• CORROSION RESISTANT

Palmer Manufacturing and Tank, Inc. gunbarrels are manufactured with a high quality of Isophthalic Resin, which is chemically resistant to all types of crude oil and salt water. The high temperature capabilities, 180°F., insure against tank failure when exposed to elevated downhole temperatures of the oil or when the tanks are used in conjunction with a heater treater.

• FIBERGLASS SPREADER TABLE

The size of the spreader table in the gunbarrel is one half the diameter of tank. The spreader table and braces are bonded to the floor of the tank with fiberglass to eliminate corrosion.

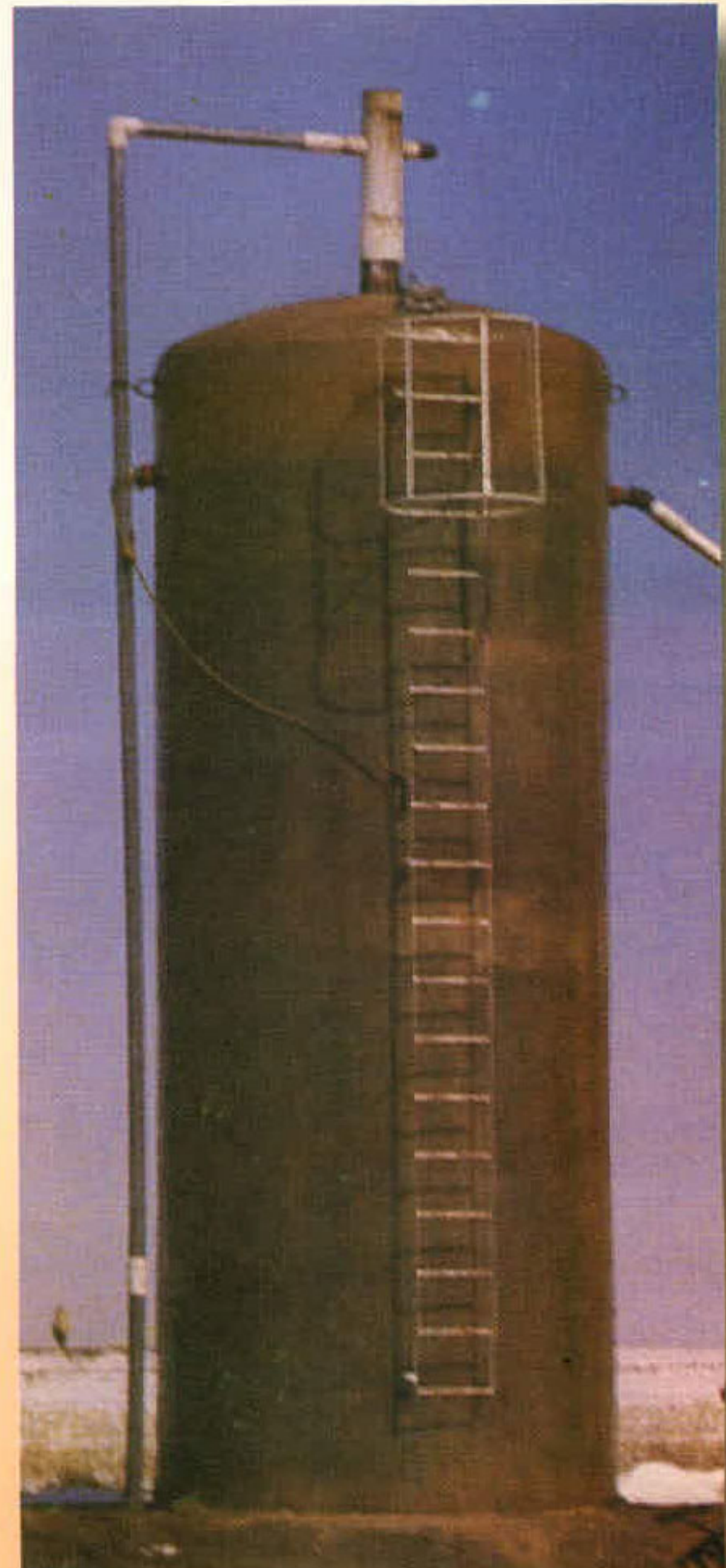
• INTERNAL SIPHON

The internal siphon is standard in our gunbarrels. The siphon is adjustable to meet the specific requirements of each lease. Provisions can be made for attachment of an outside siphon if desired.

• ASSORTMENT OF SIZES

Palmer Manufacturing and Tank, Inc. offers different capacities of gunbarrels from 45 BBL to 806 BBL in diameters of 4', 8', 12' and 15'6".

- Economical
- 16' Diameter (low profile)
- Open or Closed Top
- All Standard Fittings Available
- 210 BBL - 300 BBL
- Ease in Checking Liquid Levels
- Kept in Stock for Quick Availability
- Maintenance Free
- Reliable
- Long Life



180 BBL GUNBARREL

Palmer Fiberglass Hauling Tanks

Choose from round hauling tanks with capacities of 20 BBL to 40 BBL or low profile oval tanks to handle 40 BBL to 120 BBL

- **LONGER LIFE**

Here are more ways Palmer Tanks will improve your profit. Because fiberglass is resistant to most chemicals, our tanks will not rust or corrode. So you will get a much greater service life.

- **LIGHTER WEIGHT**

The efficiency of Palmer's fiberglass construction is especially valuable in terms of how it will save you money. It increases the payload your trucks and trailers can haul.

- **OVAL ADVANTAGES**

Palmer oval tanks have a low center of gravity which provides greater stability and ease of handling. A truly outstanding feature of Palmer oval tanks is the flanged and dished baffles and heads. They are specially engineered to provide added reinforcement and strength. Our baffles and heads have an extra wide flange for rigidity and have a dished contour for maximum durability.



LOADED WITH FEATURES TO BETTER FILL YOUR NEEDS

Why Palmer?

- A full fleet of trucks with hydraulic booms for customer delivery and tank set up
- Both Steel and Fiberglass Tanks
- Large assortment of quality tanks at competitive prices
- Modern Facilities
- Strong, well-established company with thirty years proven experience
- We build tanks to your specifications



Palmer operates company-owned delivery vehicles, modernly equipped for rapid delivery, with on-site set up with our cranes

Palmer Mfg. & Tank, Inc.

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