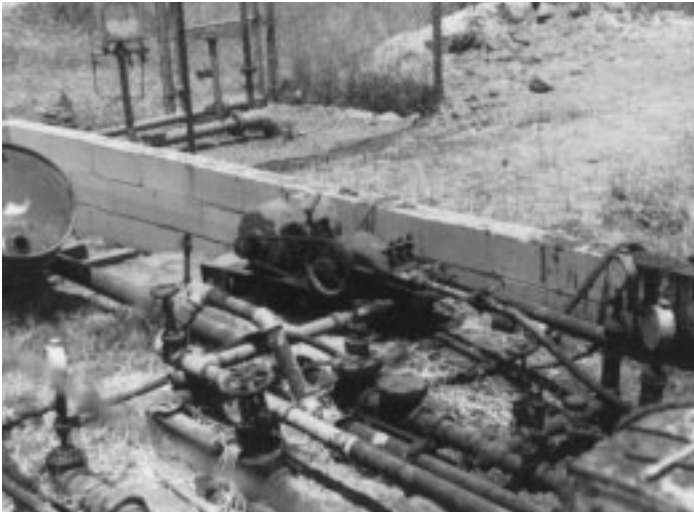


# APPLICATIONS

## PUMPS



## CRUDE OIL TRANSFER PUMP

File No. 75

Section 5

### OPERATION:

A small West Coast oil company is currently using a CAT PUMP to transfer crude oil from the well site to storage tanks.

High pressure is necessary because the crude oil is being pumped approximately two miles under the city's streets to the storage tanks. With this distance, 40-50% of the system pressure is lost. The CAT PUMP can deliver a consistent flow and high pressure to cover the line loss and still meet system requirements. The wells are pumping 24 hours a day and the oil company needs a pump to meet this demand. The CAT PUMP was chosen because of its proven continuous duty performance and low maintenance. Installing the CAT PUMP has eliminated costly downtime and repair costs common with previous pumps. It has also saved a considerable expense by eliminating the relocating and building of new storage tanks near the wellsite.

### PROBLEM:

Transfer crude oil one mile under city streets to storage tanks.

### SOLUTION:

Install a high pressure, continuous duty, CAT PUMP to assure a steady flow.

### SPECIFICATIONS:

CAT PUMPS Model .....	2520
Pressure.....	400-600 PSI
Flow .....	25 GPM
Temperature .....	Ambient
Fluid .....	Crude Oil
Duty Cycle .....	Continuous
Drive.....	Electric

### BENEFITS:

- Reduces maintenance cost.
- Eliminates costly downtime.
- Delivers consistent high pressure/flow.
- Eliminates costly relocation or installation of new storage tanks.

*“Customer confidence is our greatest asset”*

Products described hereon are covered by one or more of the following U.S. patents 3558244, 3652188, 3809508, 3920356, 3930756 and 5035580

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*The Pump with "Nine Lives"*

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