

# APPLICATIONS

## PUMPS



## SALT WATER INJECTION

File No. 85

Section 3

### OPERATION:

Repeated and costly downtime of an existing 200 GPM pump, delays in securing replacement parts for this pump and a desire to reduce energy consumption provided yet another opportunity for CAT PUMPS to prove its performance, dependability and efficiency.

Now two electrically powered Model 6026 pumps inject a combined 100 GPM of salt water back into the ground. As the crude oil is pumped from the ground, it is delivered to a holding tank where the crude oil and waste water are allowed to separate. The crude oil rises and drains to another tank while the waste water (often brackish) is pumped back into the ground. The CAT PUMPS are activated by a float valve in the tank.

Pressure in the system is maintained by a regulator; the amount of pressure will vary with the soil formation at well sight.

### PROBLEM:

Eliminate the repeated and costly downtime of an existing 200 GPM pump.

### SOLUTION:

Install dual model 6026 CAT PUMPS with a proven record of continuous duty performance in salt water injection.

### SPECIFICATIONS:

CAT PUMPS Model (two) .....	6026
Pressure .....	500 PSI
Flow (each) .....	50 GPM
Temperature .....	Ambient
Fluid .....	Salt Water
Duty Cycle .....	Daily-Intermittent
Drive .....	Electric

### BENEFITS:

- Dual pump system is compact.
- Less horsepower is needed to operate dual pump system.
- Dual pumps allow for continuous operation even during periodic maintenance as one pump can continue working.
- Dependability of CAT PUMP has drastically reduced downtime and operating costs.

*“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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