

# OPT Completes First in Series of Deep Well Injection Trials for Oil and Gas Applications



**Ventura, CA (February 7, 2021)** – Ocean Pacific Technologies (OPT) successfully completed its first trial in a deep well injection application in the Permian Basin, Texas. There are tens of thousands of injection wells operating in the Permian Basin producing various grades of water to service surrounding oil fields and to dispose of produced water.



**Salt Water Disposal  
Permian Basin, Texas**

OPT's ceramic-enhanced axial piston pump is the most efficient, compact, and low maintenance high-pressure pump in its class. Compared to the ubiquitous plunger pump, OPT's pumps are ten times lighter and fewer moving parts, and virtually maintenance-free.

Our customer agrees: Leif Savage from Tall City Brine says, "Compared to the high maintenance plunger pumps we operated, the results of the OPT trial were very promising." And OPT's patented ceramic bearings for the first time allow the water lubricated axial piston pump to be used on unfiltered raw water from many sources. This is a critical feature for the oil and gas markets where water quality can vary widely.

OPT expects significant sales to follow from this initial trial with additional trials scheduled at other customer locations within the Permian Basin.

Some key features of OPT's technology include:

- Up to 95% efficient
- Ultra-low maintenance
- Particulate resistant for unfiltered waters
- Smooth flow (no pulsation dampeners)
- Compact and light weight
- Water lubricated (no oil required)
- Corrosion resistant
- Easy to maintain
- Effortless scalability



**Ocean Pacific's OP-165 can produce up to 200 gpm  
@ 1200 psi and weighs only 230 lbs**

For more information and a free energy savings analysis, contact OPT at [info@ocean-pacific-tec.com](mailto:info@ocean-pacific-tec.com) and see our website at [www.ocean-pacific-tec.com](http://www.ocean-pacific-tec.com) Or contact: John MacHarg @ 650-283-7976.