



Deep Brine Injection Test Well: P-1044 Design/Build Water Treatment Plant and Conveyance

PROJECT PROFILE DRILLING

VALUE OF WORKED PERFORMED
\$715,128.00

COMPLETION DATE
July 2013

TEST WELL DATA
Diameter- 14 3/4"
Depth- 1000'
Packer tests-4

NAVFAC Southwest

Marine Corps. Base Camp
Camp Pendleton, CA 92055

SITUATION:

Layne was sub-contracted to drill and test a deep brine injection test well as part of CH2MHill's Design/Build contract to construct an Advanced Water Treatment Plant at Camp Pendleton, Ca. The test project included drilling a 14 3/4" diameter well to 1000' and packer testing 4 zones for water quality and capacity. The test well was abandoned after completion of the testing. The test well successfully proved the viability of injection wells for disposal of the brine waste and resulted in the design of 5 permanent deep injection wells as part of the future treatment plant project.

SOLUTION:

This project was successfully completed in full compliance with the requirements of the Corps of Engineers Safety Manual EM 385-1-1. By the end of the project our Crews had been recognized with two medals for their commitment to Safety by the Base Resident Officer in Charge of Construction (ROICC).

SERVICES EMPLOYED:

+ Injection Well Construction