

## CASE STUDY

# LAS HUERTAS CREEK

Sandoval County, New Mexico  
*Submar Project 17549*

# SUBMAR®



## BEFORE



## AFTER

## EXISTING CONDITIONS

A 50-foot wide pipeline right-of-way has one 30-inch natural gas pipeline that crosses Las Huertas Creek, Arroyo Channel, in Sandoval County, New Mexico. The Arroyo Channel had fairly steep banks composed of clay, sand, gravel, and rock and the pipeline had limited ground cover over an 1100-foot section. Further, the operator had partially protected the pipeline several times over fifteen years by placing several intermittent mats. The mats have become damaged, rolled up, and needed to be repaired and replaced due to improper installation.

## SOLUTION

Submar provided an engineered design to protect and armor the pipeline. First, the project area was graded and a geotextile material was placed atop the grade. Then, new Submar articulating concrete mats were installed and some were repaired throughout the entire 1100-foot section of the Las Huertas Creek. The edges of the mat system were toed into anchor trenches that were backfilled with existing material and rip rap. Final grading was performed to complete the project.

THE Exposed Pipeline Remediation Experts

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