



TEK Helical Piles Installs (46) Helical Piles to Support the Rice Energy Loki Valve Yard in Beallsville, OH

April, 2016



TEK Helical Piles
Lawrence, PA
(724) 820-5100
www.tekpiles.com



Project Name & Location:	Rice Energy Loki Valve Yard - Beallsville, OH
Project Date:	Winter, 2016
Project Type:	Helical Pile Supports
Helical Pile Installation Contractor:	TEK Helical Piles - Lawrence, PA
Engineering Company:	CSD Engineers - Pittsburgh, PA
Energy Company:	Rice Energy - Canonsburg, PA
Helical Piles Specifications:	(46) 3" dia. .25" Wall Hollow Square Tube; 8",10" Helix Bearing Plates, 3000 ft. lbs. Torque; Galvanized
Soils & Embedment Depth:	Pad Consisted of Compacted Clay Fill; Installation Depths Ranged from 7 to 12 Feet
Project Timeline:	4 Days
Helical Pile Manufacturer:	Empire Piers - Winfield, MO

Project Description

This valve yard consisting of Launchers and Receivers had been previously installed on wood dunnage and mechanically completed by another contractor. TEK was contracted to install the permanent helical foundations for the existing fabrications and remove the dunnage. (2) helical piles and a W8x31 typ. set up at defined intervals was used to span the fabrication. Installation of the hollow square tube helical piles was completed in (4) days. Using helical piles instead of a concrete foundation considerably shortened the construction process.

