

Project summary



Imantt Transforming infrastructure

By engineering imantt

Rehabilitation of Steel Pipeline for RTP by Imantt in Orito, Putumayo

The mission consisted of supplying and installing a flexible pipe made of Reinforced Thermoplastic Pipe (RTP) from a well to the Battery. The mission consisted of supplying and installing a flexible Reinforced Thermoplastic Pipe (RTP) from a well to the Battery. This project represented a significant advance in the hydrocarbon transportation infrastructure in the region.



Orito putumayo - Colombia

Execution

During the project implementation, Imantt tackled complex technical challenges, including the installation over an existing bridge using a sliplining method with a 6-inch metal protection pipe for the RTP pipeline. The technical team adeptly applied their expertise to overcome these operational complexities, ensuring a seamless integration of the RTP system.

Key Project Parameters

Parameter	Specification
Total Length of Pipeline	2.1 kilometers
Installation Method	Sliplining with 6-inch metal protection pipe
Installation Challenges	Overcoming technical complexities, bridge installation
Technical Expertise	Civil and mechanical works, advanced sliplining techniques

Results

The project concluded successfully, spanning a total length of 2.1 kilometers from well Orito 105 to Battery 1. The implementation of the RTP flexible pipeline not only met industry standards but also proved to be an optimal and reliable technical solution for the demanding fluid transportation requirements in the oil and gas sector.

Impact on the Energy Industry

Imantt's successful rehabilitation of the steel pipeline with RTP technology in Orito, Putumayo, has significant implications for the energy sector:

- Innovation in Pipeline Rehabilitation:** Pioneering the use of RTP for rehabilitating existing steel pipelines, setting new standards.
- Operational Efficiency:** Enhanced efficiency and reliability in fluid transportation.
- Technical Mastery:** Demonstrated ability to handle complex installation environments and technical challenges.
- Sustainability:** Prolonged pipeline lifespan and reduced maintenance costs.

Conclusion

The successful deployment of RTP technology by Imantt in Orito, Putumayo, underscores the company's expertise and innovative approach in handling complex hydrocarbon transport projects. This case study highlights Imantt's leadership in providing advanced solutions tailored to the evolving needs of the energy sector. The project's successful completion reflects Imantt's commitment to excellence, operational efficiency, and sustainable development.

In summary, Imantt's project in Orito not only improves operational efficiency and reliability but also sets new benchmarks for pipeline rehabilitation, solidifying Imantt's position as a pioneer in the energy industry.

Contact Information

For more information on this case study or to discuss how Imantt can support your hydrocarbon transportation needs, please contact:

Imantt Energy Solutions

Email: info@imantt.com

Phone: +57 1 234 5678

Website: www.imantt.com

This document is available for download in PDF format for your convenience. [Download PDF](#)

Imantt: Leading the Future of Energy Solutions

This case study has been prepared to provide insights into the innovative approaches employed by Imantt in advancing the energy sector through RTP technology.