

Regional trends in Oil and Gas Theft and consideration for pipeline security

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 Olive Group

- Security of the pipelines from the threat of deliberate damage (including acts of terrorism)
- Security of the pipelines from the threat of tapping
- Security of company personnel and contractors in the trunk pipeline and maintenance camps

- To minimize potential losses and liabilities
- To ensure pipeline staff is operating in the secured environment
- To ensure pipeline operational integrity
- To enjoy a favorable company image

- General Security Plan
- Security Design and Integration
 - Organization and Design of Physical Security
 - Integrated Security Systems
- Procedures and Guidelines

- A comprehensive security plan is an important part of the process.
- Security plan should be in broad compliance with the Security Pipeline Guidelines
- Plan should address the following issues:
 - Identify and quantify the threats to the pipeline and its staff
 - Identify the approach to securing the pipeline and staff
 - Allocate and identify security responsibilities
 - Give clear guidance on the response to security incidents

- Who is interested in the theft from the pipelines
 - Organized crime
 - Small scale criminals from the local population

- OG is a main threat to pipelines
- OG has or can have good technical capabilities
- OG uses company employees in their schemes
- OG place their people to pipeline staff
- OG has well established distribution network and channels
- OG has good logistical capabilities

- Main threats:
 - Losses are not as dramatic as from OG
 - Distraction of normal activity of pipelines
 - Possibility of the serious damage of pipelines
 - Possibility of pollution and oil spills
 - Possibility of fatalities due to the lack of engineering experience

- Implementation of preventive actions at the early stages
- Control over the construction phase
- Coordination between the pipeline operations, maintenance contractors and security contractors
- Intelligence gathering
- Monitoring of the oil product market and road tankers activity
- Good contacts with tanker companies and refineries
- Regular observations of pipelines
- Rotation of personnel
- Check of personnel to ensure that no collusion exists

Questions