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A Methodology to Restructure a Pipeline System for an Oilfield in the Mid to Late Stages of Development

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Highlights

- An MINLP model for the restructuring of GPN in an oilfield is proposed.
- Hydraulic constraints are considered in the model.
- Three economic items are considered in the objective functions.
- The piecewise linearization method is applied to the model.
- A case of an oilfield in China is studied to show the effectiveness.

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