



Future Growth Project

Investor Relations

Paul Benoit
FGP Project Director

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Future Growth Project Overview

- Builds on SGI/SGP
- A key component of Tengiz Field development strategy
- Proper asset management – will increase reserves
- Adds value – production growth, economics

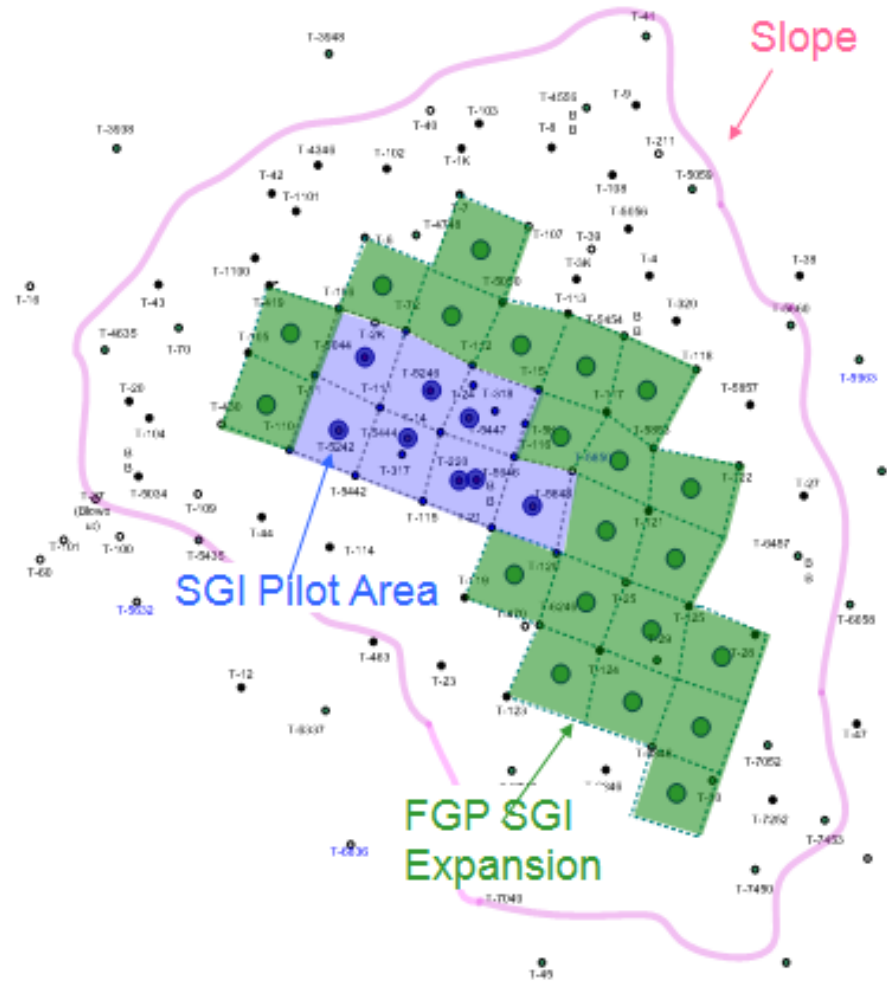




Future Growth Project

Gas Injection Expansion Development

- Expansion of Gas Injection Technology across Platform
 - 15 - 20 new injection patterns
 - Approximately 10 new producers required to complete the injection patterns
- Complete Slope Development
 - Approximately 160 additional further producers required to complete 1km spacing slope development





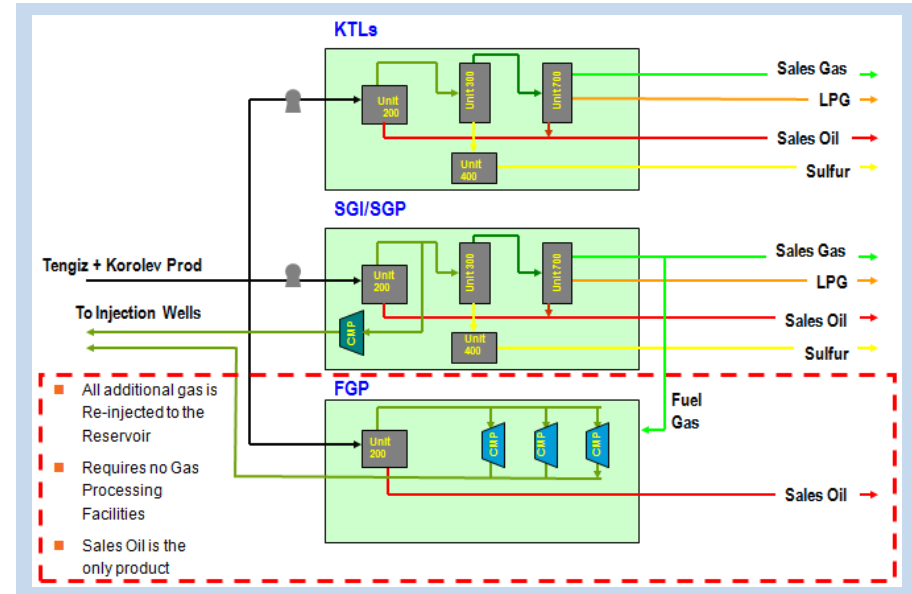
Future Growth Project

Project Overview

Project Scope

- Facilities include
 - New gathering system
 - Crude processing
 - Gas injection
 - Crude tankage
 - Power and utilities
 - Infrastructure
- Pressure Boost Facility
 - Increases well deliverability
 - Benefits both FGP and existing facilities
- New wells
 - Keep existing plants (KTL, SGI/SGP) full
 - Fill new (FGP) facilities
 - Re-inject all FGP gas

All numbers shown are TCO 100%



Project Concept

- Expanded Oil Capacity: 12 MMTY
(~ 260 MBOPD)
- Expanded Gas Capacity: 960 MMSCFDD
- Drilling: ~190 new wells
- Execution: Modular Strategy



Future Growth Project

Execution

- FEED / EPCM Contractor will form JV with Kazakhstani Company(s)
- Early Works Program will be committed ~9 months after FEED begins
- All major construction and fabrication contracts ready to award by Final Investment Decision
- Modules will be fabricated inside and outside Kazakhstan

Current Status

- Technically ready for FEED, and waiting for partners' endorsement
- Completed FEED/EPCM bid evaluation from 3 joint ventures
 - All include one or more Kazakhstani companies with a major western contractor





Future Growth Project

Building on Lessons Learned

FGP optimizes SGI/SGP technology

- New technologies tested in SGI/SGP
 - Injection compressor uses same shaft size and seals (largest facility uncertainty in SGI/SGP)
- Major equipment in the oil separation and treating section will be the same as in SGP
- Construction strategy will be modular instead of stick-built
 - Reduces site man-hours, increases productivity, increases schedule certainty

SGP facilities showing FGP replication



Comparison of SGI/SGP to FGP

	SGI/SGP	FGP
Oil & Gas Plant (12 MMTY)	✓	✓
Power Generation	✓	✓
Sour gas injection island + utilities	✓	✓
Field gathering lines	✓	✓
Sulphur plants	✓	n/a
LPG Plant / Gas Treatment	✓	n/a
Pressure Boost Facility	n/a	✓

SGI facilities: replicated with FGP



