



Tengizchevroil Fact Sheet

2Q 2021

History and Ownership

- Tengiz, the world's deepest producing super giant oil field, was discovered in 1979.
- The Tengizchevroil (TCO) partnership was formed on April 6, 1993, between the Republic of Kazakhstan and Chevron.
- Current partners are Chevron, 50 percent; KazMunayGas, 20 percent; ExxonMobil Kazakhstan Ventures Inc., 25 percent; LukArco B.V., 5 percent.

Production and Reserves

- Estimated oil in place in the Tengiz field is 3.2 billion metric tonnes (25.5 billion barrels) with 200 million metric tonnes (1.6 billion barrels) in the Korolev field.
- Total recoverable crude oil in the Tengiz and Korolev fields is estimated to be 890 million to 1.37 billion metric tonnes (7.1 to 10.9 billion barrels).
- The areal extent of the Tengiz reservoir is large, measuring 20 kilometers (12 miles) by 21 kilometers (13 miles).
- TCO completed its Sour Gas Injection and Second-Generation Plant (SGI/SGP) expansion project in 2008, which brought daily production capacity to approximately 75 thousand metric tonnes per day (600 thousand barrels) of crude oil and 22 million cubic meters per day (750 mmscf) of natural gas.
- Crude production in 1H 2021 was 13.5 million metric tonnes (108 million barrels).

Health, Safety and the Environment

- TCO has invested over \$3.13 billion since 2000 in environmental protection activities.
- Since 2000, total air emissions generated per ton of oil produced, have decreased by 71 percent.
- TCO's gas utilization rate in 1H 2021 was 98.9 percent.
- TCO's total water reuse rate in 1H 2021 was 46.8 percent. TCO continues its water conservation efforts by recycling domestic wastewater effluent, as well as treating and reusing it for industrial purposes.
- TCO sends more than 25 types of waste for recycling. In 1H 2021, total TCO's waste reuse/recycling rate was 38 percent.
- TCO's current COVID-19 safeguards, including podding (this involves separating staff in accommodation, transportation, and at worksites), PCR-testing and isolation, remain in place to help prevent the spread of the virus in Tengiz. In addition, vaccination efforts continue and to date, more than 40,000 personnel have received their first dose of the vaccine.

Product Sales

- In 1H 2021, TCO sold over 735 thousand metric tonnes of LPG, 3.8 billion cubic meters of sales gas and over 1.3 million tonnes of sulfur.

Benefits to Kazakhstan

- From 1993 through 2Q 2021, TCO made direct financial payments of over \$156 billion to Kazakhstani entities, including Kazakhstani employees' salaries, purchases of Kazakhstani goods and services, tariffs and fees paid to state-owned companies, profit distributions to the Kazakhstani shareholder and taxes and royalties paid to the government.
- In 1H 2021, direct payments to the Republic of Kazakhstan totaled \$3.9 billion.
- In 1H 2021, TCO spent \$1.7 billion on Kazakhstani goods and services, including \$1.2 billion for FGP-WPMP.
- TCO has invested more than \$38.2 billion on Kazakhstani goods and services since 1993.

Workforce Development - HR

- Kazakhstani citizens hold 87 percent of positions in TCO's Base Business and FGP-WPMP. Excluding the FGP-WPMP workforce, Kazakhstani citizens hold 93 percent of TCO positions compared to 50 percent in 1993.
- Kazakhstani managers and supervisors represent 79 percent of the TCO managerial workforce in Base Business and FGP-WPMP. Excluding the FGP-WPMP, Kazakhstani managers and supervisors hold



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88 percent. Ongoing training and development programs exist to support the advancement of employees to positions of increasing responsibility.

Community Outreach

- Since 1993, TCO has invested over \$2.2 billion to fund social projects and programs in Atyrau Oblast for the community and employees.
- In 2021, TCO has budgeted \$30 million for Egilik social infrastructure program, the majority of which will be spent on construction of kindergartens, schools and other social facilities in Atyrau Oblast.
- In 2021, TCO has allocated \$1.6 million as part of its Community Investment Program on projects to help improve the quality of health and education and to develop social entrepreneurship both in Atyrau Oblast and Borankul Village (Mangistau Oblast).
- Since the beginning of the pandemic, TCO has allocated approximately \$11.5 million to support the population in the ongoing fight against COVID-19, including purchasing medical equipment and supplies for Atyrau Oblast.

Future Growth Project - Wellhead Pressure Management Project

General Information

- In 2016, TCO Partners announced approval for the final investment decision of the Future Growth Project - Wellhead Pressure Management Project (FGP-WPMP), the next major expansion of the Tengiz oil field.
- FGP will expand production by approximately 12 million tonnes per year/260 thousand barrels per day to about 39 million tonnes per year/850 thousand barrels per day.
- WPMP will keep the existing Tengiz plants full by lowering the flowing pressure at the wellhead and then boosting the pressure to the inlet requirements of the six existing processing trains.

Kazakhstani Content

- Since the commencement of FGP-WPMP, TCO has spent over \$11.9 billion to purchase Kazakhstani goods and services.

Project Progress

- With the project now 84% complete, all production wells have been drilled and completed, materials and equipment are on site, module restacking completed, and the remaining work scope is focused on Tengiz.
- FGP-WPMP is the project of national importance and is helping to create a legacy of a trained and skilled local workforce, technology transfer through partnerships with international companies, and upgraded infrastructure in the region.