



# Tengizchevroil Fact Sheet

1Q 2016

## 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; KazMunaiGas, 20 percent; ExxonMobil Kazakhstan Ventures Inc., 25 percent; LukArco B.V., 5 percent.

## Production and Reserves

- Total recoverable crude oil in the Tengiz and Korolev fields is estimated to be 750 million to 1.1 billion metric tonnes (6 to 9 billion barrels). Estimated oil in place in the Tengiz field is 3 billion metric tonnes (25 billion barrels) with 190 million metric tonnes (1.5 billion barrels) in the Korolev field. 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 expansion project in 2008, which brought daily production capacity to approximately 75,000 metric tonnes (600,000 barrels) of crude oil and 22 million cubic meters (750 mscf) of natural gas.

## Crude Production

- Crude production for 1Q 2016 was 7.37 million metric tonnes (58.8 million barrels).

## Product Sales

- In 1Q 2016, TCO sold over 330 thousand metric tonnes of LPG and 1.79 billion cubic meters of dry gas.
- TCO sold over 590 thousand tonnes of sulfur, which is 94 percent of the 630 thousand tonnes produced for the same period.
- TCO's premium sulfur is sold in three different forms to customers in many countries, including Kazakhstan, Russia, Ukraine, China and other countries primarily in the regions of the Mediterranean Sea and Atlantic Ocean.

## Health, Safety and the Environment

- TCO has invested \$3 billion since the year 2000 on projects to minimize environmental impact.
- Such investments in environmental protection have enabled TCO to reduce total gas flaring volumes by 85 percent since the year 2000. TCO's current gas utilization rate is over 98 percent.
- Total air emissions generated per tonne of oil produced have been reduced by 71 percent since 2000. For 1Q 2016, TCO averaged 2.41 kilograms of emissions per tonne of oil produced. Since 2000, TCO has increased annual crude oil production volume by 159 percent.
- Investments in environmental protection and improvements in plant reliability have helped TCO to achieve reduction in the number of technical malfunctions at the plants by 40 percent and the volume of sour and acid gas flaring during technical malfunctions by 91 percent since 2000.



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## TCO's Financial Impact

- From 1993 through 1Q 2016, TCO made direct financial payments of \$112 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 Kazakhstani shareholder and taxes and royalties paid to the government.
- In 1Q 2016, direct payments to the Republic of Kazakhstan totaled \$750 million. In 2015 direct payments to the Republic of Kazakhstan totaled \$8.2 billion.

## Kazakhstani Content

- TCO has spent over \$400 million on Kazakhstani goods and services in 1Q 2016. TCO has invested more than \$20 billion on Kazakhstani goods and services since 1993.

## Workforce Development

- Kazakhstani citizens hold 85 percent of TCO positions, compared to 50 percent in 1993.
- Kazakhstani managers and supervisors represent 73 percent of the TCO managerial workforce. Ongoing training and development programs exist to support the advancement of employees to positions of increasing responsibility.

## Community Outreach

- Since 1993, TCO invested over \$1.18 billion to fund social projects and programs in the Atyrau Oblast for the community and employees.
- In 2016, TCO has \$25 million budgeted for Egilik social infrastructure program, the majority of which will be spent for construction of kindergartens, schools and other social facilities in Atyrau Oblast.
- In 2016, TCO's Community Investment Program has about \$1 million in projects planned to help improve the quality of health, education and training in Atyrau Oblast.