



wintershall



Oil and gas production in southern Russia

In addition to Achimgaz and Severneftegazprom (Yuzhno Russkoye reservoir), Wolgodeminoil is another of Wintershall's German-Russian joint ventures in Russia. Wintershall and RITEK, a subsidiary of the largest Russian oil producer LUKOIL, each have 50% shares in the company. Wolgodeminoil was founded at the end of 1992 and is thus the longest-operating joint venture between a Russian and a western European partner in the E&P sector.

Wolgodeminoil is Wintershall's southernmost point of production in Russia: today the company operates in three areas near Volgograd with a surface area totaling 13,625 square kilometers. Extensive exploration works are being conducted there to locate new reservoirs. Wolgodeminoil currently produces crude oil and natural gas from ten fields. More than 4.8 million barrels of oil equivalent were produced in 2017. In the same year, the Zalivnoye field was discovered and a mobile treatment facility for oil and gas went into operation.

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Phone +49 561 301-3301
Fax +49 561 301-1321
press@wintershall.com
www.wintershall.com

Wintershall Holding GmbH
Corporate Communications
P.O. Box 10 40 20
34112 Kassel, Germany

A subsidiary of

 **BASF**

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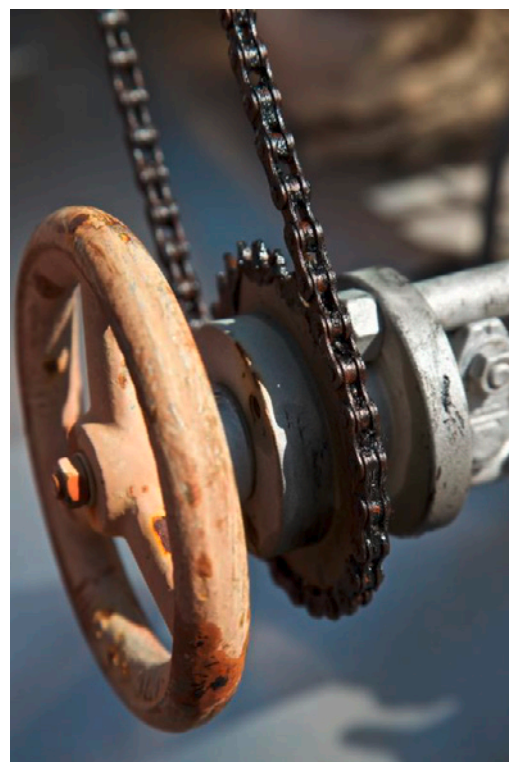
Key data

- With the production of crude oil and natural gas, Wologodeminoil is active in the upstream sector.
- Wologodeminoil has a high success rate with its wells.
- Overall production in 2017: Around 520,000 tons of oil and 122 million cubic meters of gas.
- More than half of the production comes from the Pamyatno-Sasovskoye field.
- Part of the production volume is destined for export via the Transneft pipeline or by shipping in oil tankers. The other part is sold on the domestic market. The way oil is divided depends on profitability and the respective logistic options.
- The Wintershall facilities maintain high HSE (Health, Safety and Environmental Protection) standards worldwide, and this issue has also been assigned the highest priority at Wologodeminoil.
- Wologodeminoil has a certified integrated management system based on international standards ISO 14001 and OHSAS 18001.
- Gas flaring does not take place. The associated gas is captured and processed in facilities belonging to the partner RITEK and is fed into the pipeline network.



Project chronology

- 1992 Founding of the Wolgodeminoil joint venture (by Nizhnevolzhskneft/LUKOIL and Deminex)
- 1994 Start of production activities
- 1996 Start of production from Platovskaya 2 well (Pamyatno-Sassovskoye reservoir)
- 1997 Production from the other six wells
- 1999 First million ton of oil produced from a total of eight wells
Pribortovoye reservoir discovered
Wintershall acquires Deminex share
- 2001 Second million ton of oil produced from a total of ten wells
- 2003 Third million ton of oil produced
- 2005 Nemirovskoye reservoir discovered
- 2006 Fourth million ton of oil produced
- 2007 Avilovskoye reservoir discovered
- 2012 Two new reservoirs discovered: Dobroye and Nizhne-Dobrinskoye
- 2014 New field Losinoye discovered and production begins
Eighth million tons of oil produced
- 2015 Molodezhnoye and Zapovednoye fields discovered
- 2016 The Lesnoye field is discovered
- 2017 25 years of Wolgodeminoil
Zalivnoye field discovered
Mobile treatment facility for oil and gas goes into operation



Reservoirs and licenses

The Wolgodeminoil license regions are currently divided into three areas. In terms of their overall size of over 13,000 km², these are roughly comparable with the German state of Schleswig-Holstein.

Area I with a surface area of 2,520 km²:

- Pamyatno-Sasovskoye, Nemirovskoye and Pribortovoye crude oil reservoirs (production)
- Vysotskoye crude oil and natural gas reservoir (production)
- Nizhne-Dobrinskoye crude oil reservoir (production)
- Losinoye crude oil reservoir (production)
- Lesnoye (assessment)
- Zalivnoye (exploration)

Area II with a surface area of 6,295 km²:

- Dobroye crude oil reservoir (production)
- Avilovskoye crude oil and natural gas reservoir (production)
- Molodezhnoye crude oil and natural gas reservoir (production)
- Zapovednoye (assessment)

Area IV with a surface area of 4,810 km²

- Seismic surveys

Geographic location of the license regions

