



Vladimir Filanovsky Field

accessing 1.3 billion barrels of oil
with expertise from NOV.

The Vladimir Filanovsky oil field is located about 50 km offshore, in the northern part of the Caspian Sea. It was discovered in 1994 and was commissioned in 2015. The total proven reserve of the oil field is around 1.3 billion barrels and production is centered on 160,000 barrels per day (1,000 m³/h). The oil field is owned and operated by Lukoil.

The Vladimir Filanovsky expansion will be comprised of four platforms that are connected with bridges. The central processing platform is supplied by Globalstroy Engineering. It contains two oil separation and treating trains with main equipment provided by NOV. Each process train has a conventional layout consisting of two 3-phase separators followed by a 2-stage stabilizer, pumps, an electrostatic dehydrator and desalter stage, and a vessel to provide surge volume for transfer pumps. Heaters and heat exchangers provide optimal processing conditions with minimal power consumption. Our delivery consisted of skidded equipment with necessary piping, control equipment, and electrical components.

Project details

Design rate: 160,000 BOPD

Oil export specifications: 0.5% BS&W,
100 mg/L chlorine

Water discharge specifications: 1000 ppm oil in water

EPC and Fabricator: CNGS Engineering, Fabtech
International Ltd

Scope of work

- Six separators
- Two dehydrators
- Two desalters
- Two surge vessels

Key facts

- End user: LukOil
- Location: Caspian Sea, Russia
- Client: GlobalStroy Moscow