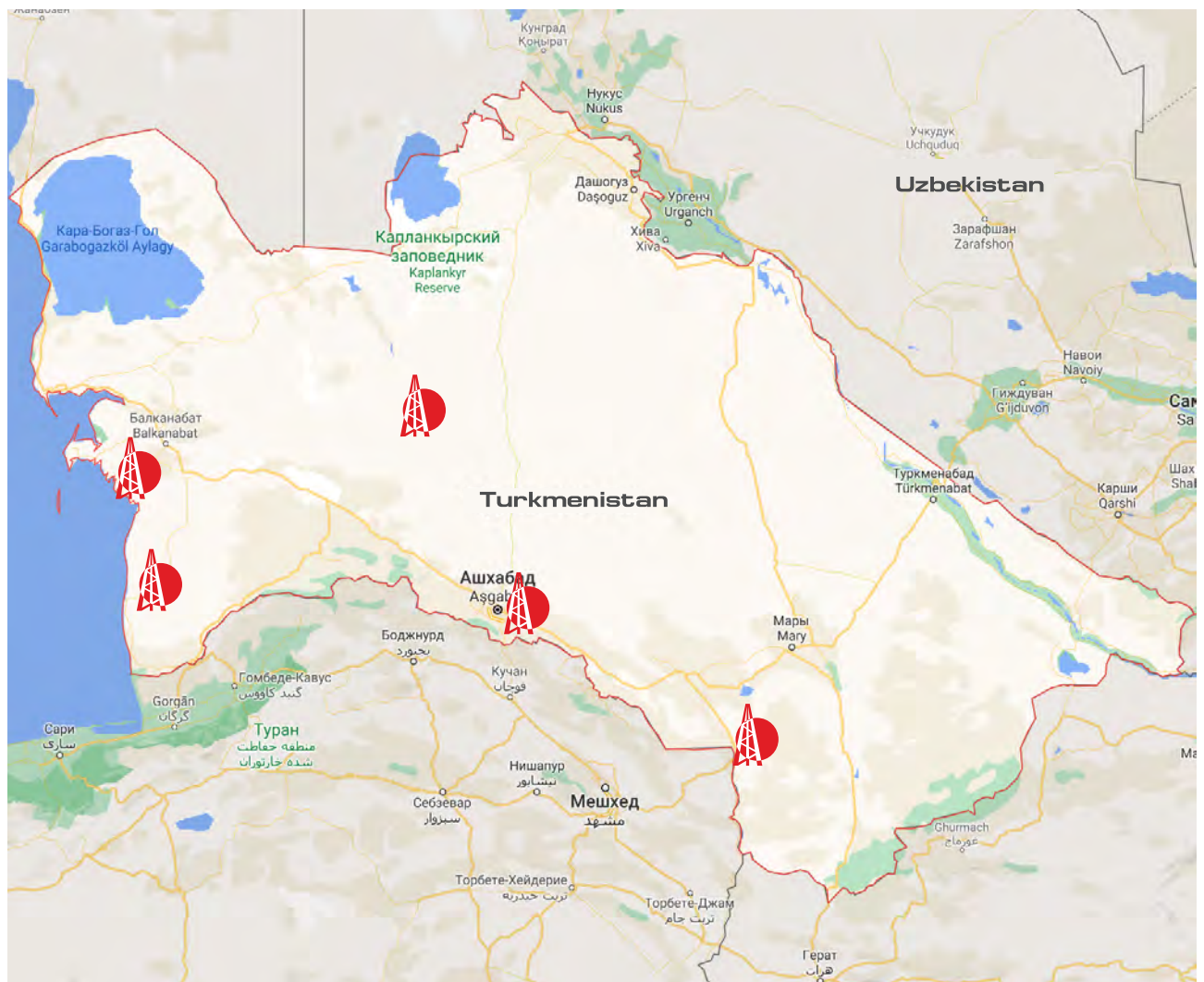


YUG-NEFTEGAZ





YUG-NEFTEGAZ PRIVATE LIMITED IN TURKMENISTAN



ABOUT US

Yug-Neftegaz Private Limited (YNG PL) was established and registered in Singapore as the parent structure, which manages and coordinates the activities of the Group of companies providing services in the oil & gas sector on the international markets.

The arrangement of the YNG PL production activities is based on the results of scientific & research studies related to the development and adoption of the proprietary technologies for the application of new efficient EOR methods.

The company constantly monitors the latest scientific achievements and research in the world related to hydrocarbon production, the development of modern efficient technologies and advanced technical solutions, introducing the best of them in its production activities.

THE GROUP'S CORE ACTIVITIES:

- Oil & gas fields exploration and development
- A full range of oil & gas services, equipment, technical solutions and technologies to the oil & gas industry operators:
 - geophysical works and surveys (field seismic works onshore and in transition zones, seismic data processing and interpretation);
 - oil & gas wells drilling;
 - drilling equipment (PDM, jars, bits, etc.) rental;
 - workover and well servicing;
 - oil-, gas-, and gas condensate wells production stimulation;
 - oil & gas infrastructure construction and modernization.



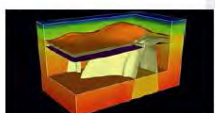
Oil & gas fields exploration and development

Oil & gas wells drilling; Drilling equipment rental



Field seismic works
- onshore;
- in transition zones

Workover & well servicing;
oil-, gas-, and gas
condensate wells
production stimulation



Seismic data processing, and interpretation

Oil & gas infrastructure facilities construction & modernization



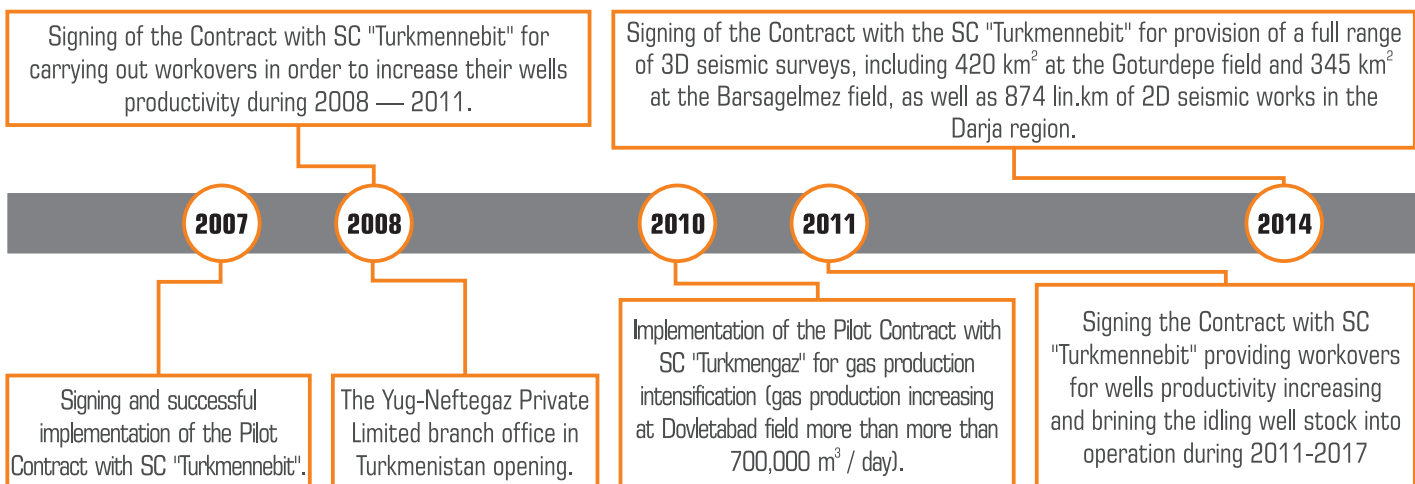
WHERE



The leading position in the Company's portfolio is held by the projects being implemented for the oil & gas sector of Turkmenistan.

The history of YNG PL work in Turkmenistan dates back to the signing in 2007 and subsequent successful implementation of a Pilot Contract with the State Corporation "Turkmennebit". As a result of this, the Contract No. T5-8-265 dd. 07/01/2008 was signed, providing for well workovers and increase in production rate of the State Corporation "Turkmennebit" wells (2008 to 2011, 138 well operations were carried out, allowing to produce 270,000 tons of incremental oil).

The next stage of the Company's activities in Turkmenistan was the signing and implementation of the Contract No. T5-8-397 dd. 05/07/2011. Under this contract, 2011 to 2018 the workovers aimed at the production rate increase as well as bringing the idling well stock of the State Corporation "Turkmennebit" into operation were carried out.

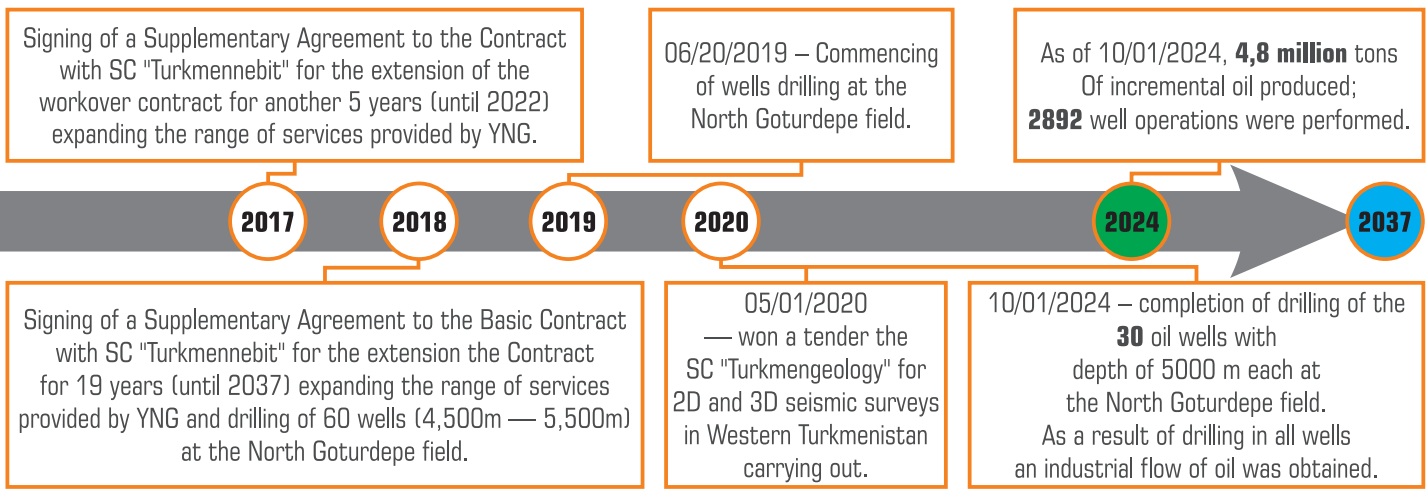


WE WORK



On 11/29/2018 YNG PL and the State Corporation "Turkmennebit" signed a Supplementary Agreement to the Contract No. T5-8-397dd. 05/17/2011. The Agreement provides for the renewal of the Contract for 19 years (until 2037) and expands the range of services to be provided by the Company, which, inter alia, includes drilling of 60 vertical, directional, and horizontal wells to the depth of 4,500 — 5,500 m at the North Goturdepe oil field in Turkmenistan. As of 10/01/2024, under the Contract No. T5-8-397, as calculated on a cumulative total, **2892** well operations were performed and more than **4,8 million** tons of incremental oil produced.

Geophysical surveys using modern equipment and advanced software for data processing and interpretation is another core business of the Company. The range of geophysical services provided by the Company includes field surveys on shore and in transition zones (those including shallow waters, and wetlands/swampland).



In 2019 YNG PL fulfilled the Contract No. TGL-8 dd. 11/07/2014 signed with the State Corporation “Turkmengeologiya”. The Contract provided for a full range of geophysical works of 3D survey in the fields of Goturdepe at the total area of 420 km² and Barsagelmes – 345 km², likewise 2D survey at the area of the Darja Peninsula with the total length of seismic lines being 874 linear km.

In 2020, the Company won the tender and then successfully completed geophysical works for the Turkmengeology State Concern on 3D seismic at the Eastern Goturdepe field over an area of 250 km², as well as 2D seismic at the Southern Burun field with a total length of seismic profiles of 245 linear km.

In 2024, the Company won another tender for 3D seismic at the Uzynada field (415 km²) and Erdekli field (492 km²), as well as for 1236 linear km of 2D seismic (sections between the Barsagelmes, Uzynada and Erdekli fields).

Having got the most advanced high-tech oilfield machinery & equipment required to meet the production challenges, nevertheless we consider our employees to be the most valuable asset. 1000+ Turkmen employees are engaged by the Company in Turkmenistan. Their expertise and large practical experience in the oil & gas industry are highly appreciated by the YNG PL management team. The joint rewarding work of foreign and Turkmen experts allows us to achieve the targeted production performance figures, thus developing the oil & gas sector of the Turkmenistan economy.

Goturdepe oilfield and Barsagelmez oilfield

Keymir oilfield and Gamyshlyja oilfield

Mydar oilfield



WE GUARANTEE THAT OUR WORK IS IN COMPLIANCE WITH INTERNATIONAL QUALITY, HEALTH, OCCUPATIONAL SAFETY, AND ENVIRONMENTAL PROTECTION MANAGEMENT STANDARDS

SISTEMA
CERTIFICATE OF REGISTRATION

It is confirmed that the management system of

Yug-Neftegaz Private Limited
#60 TESSENSOHN ROAD, #02-01A, CLUB CSC@TESSENSOHN, SINGAPORE (217664)

It has been evaluated and complies with the requirements of
ISO 9001:2015
Quality Management System

This certificate is valid for the following activities

Drilling of Oil and Gas Wells;
- Complex Oil and Gas Well-Workover Operations and Remedial Works;
- Enhanced Oil and Gas Recovery (EOR) and Wells Stimulation;
- Engineering, Designing, Construction and Reconstruction of Facilities for Oil and Gas, and Power Industries;
- Field Seismic Works;
- Seismic Data Processing;
- Seismic Data Interpretation;
- Geodetic Engineering

Certificate Number: YNP/2311/QSOPL-SIN-05497
Initial Issue: 26.11.2020
Issue date: 25.11.2024
Expiry date: 24.11.2024
Date of First Surveillance: 25.10.2024
Date of Second Surveillance: 25.10.2025
Re-certification date: 25.10.2026

IAF IAS

Paul Vishnu
Managing Director

Verify the certificate: www.sistemacert.com

SISTEMA
CERTIFICATE OF REGISTRATION

It is confirmed that the management system of

Yug-Neftegaz Private Limited
#60 TESSENSOHN ROAD, #02-01A, CLUB CSC@TESSENSOHN, SINGAPORE (217664)

has been evaluated and complies with the requirements of
ISO 14001:2015
Environmental Management System

This certificate is valid for the following activities

Drilling of Oil and Gas Wells;
- Complex Oil and Gas Well-Workover Operations and Remedial Works;
- Enhanced Oil and Gas Recovery (EOR) and Wells Stimulation;
- Engineering, Designing, Construction and Reconstruction of Facilities for Oil and Gas, and Power Industries;
- Field Seismic Works;
- Seismic Data Processing;
- Seismic Data Interpretation;
- Geodetic Engineering

Certificate Number: YNP/2311/QSOPL-SIN-ES498
Initial Issue: 26.11.2020
Issue date: 25.11.2024
Expiry date: 24.11.2024
Date of First Surveillance: 25.10.2024
Date of Second Surveillance: 25.10.2025
Re-certification date: 25.10.2026

IAF IAS

Paul Vishnu
Managing Director

Verify the certificate: www.sistemacert.com

SISTEMA
CERTIFICATE OF REGISTRATION

It is confirmed that the management system of

Yug-Neftegaz Private Limited
#60 TESSENSOHN ROAD, #02-01A, CLUB CSC@TESSENSOHN, SINGAPORE (217664)

It has been evaluated and complies with the requirements of
ISO 45001:2018
Occupational Health & Safety Management System

This certificate is valid for the following activities

Drilling of Oil and Gas Wells;
- Complex Oil and Gas Well-Workover Operations and Remedial Works;
- Enhanced Oil and Gas Recovery (EOR) and Wells Stimulation;
- Engineering, Designing, Construction and Reconstruction of Facilities for Oil and Gas, and Power Industries;
- Field Seismic Works;
- Seismic Data Processing;
- Seismic Data Interpretation;
- Geodetic Engineering

Certificate Number: YNP/2311/QSOPL-SIN-05499
Initial Issue: 26.11.2020
Issue date: 25.11.2024
Expiry date: 24.11.2024
Date of First Surveillance: 25.10.2024
Date of Second Surveillance: 25.10.2025
Re-certification date: 25.10.2026

IAF IAS

Paul Vishnu
Managing Director

Verify the certificate: www.sistemacert.com



To carry out works under the contracts in 2014-2024, the company hired and used:

FIELD GEOPHYSICAL WORKS

- 200+ employees
- 92 units of machinery & equipment

DRILLING

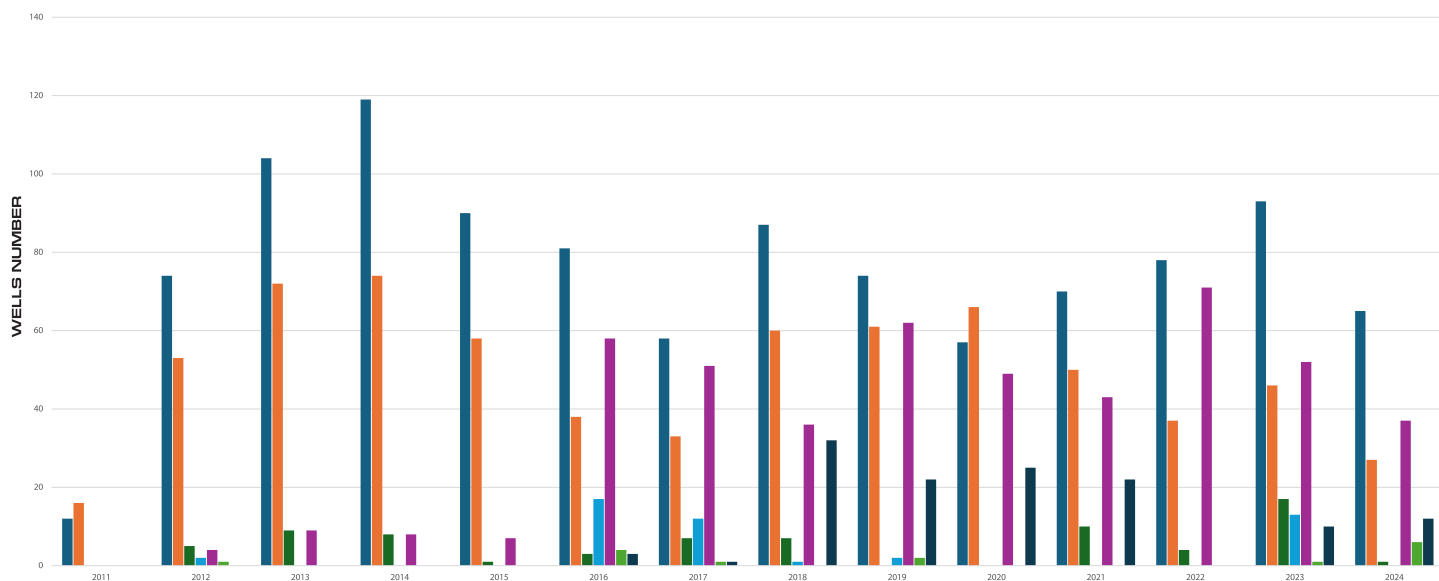
- 225+ employees
- Six (6) drilling rigs (450 t load capacity each)

WORKOVER AND WELL SERVICING

- 870 + employees
- 190 + units of machinery & equipment

PERFORMANCE RESULTS S DD. 05/17/2011 N°T5-8-397 C 2892 WELL OPERATIO

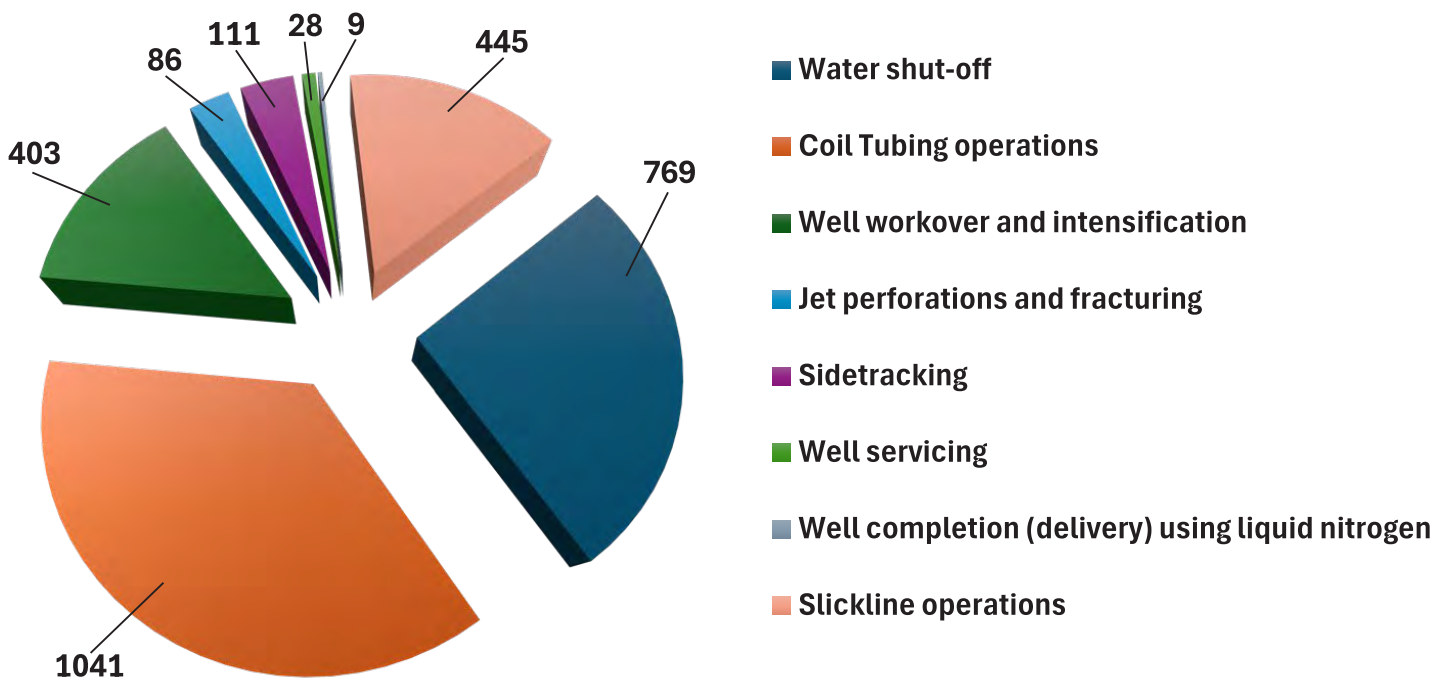
WORKS BREAKDOWN BY YEAR 2011 – 2024



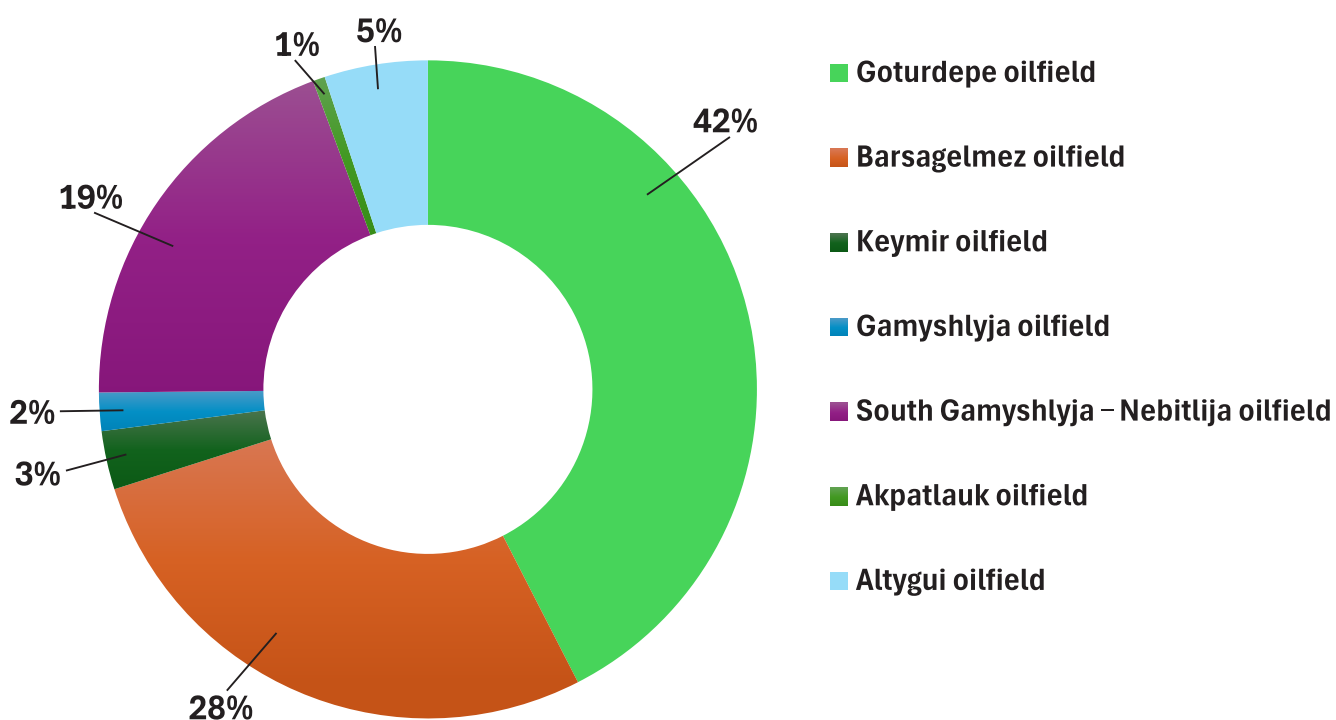
- Goturdepe oilfield
- Barsagelmez oilfield
- Keymir oilfield
- Gamyshlyja oilfield
- South Gamyshlyja - Nebitlija oilfield
- Akpatlaur oilfield
- Altygui oilfield

SUBJECT TO THE CONTRACT ALCULATED ON THE BASIS OF NS AS OF 10/01/2024

WORKS BREAKDOWN BY TYPES 2011 – 2024



WORKS BREAKDOWN BY OILFIELDS 2011 – 2024



GEOPHYSICAL WORKS AND SURVEYS

YNG PL has been conducting geophysical works and surveys in Turkmenistan since 2014. The range of our services includes:

- ▀ Field geophysical works
- ▀ Seismic data processing
- ▀ Seismic and well data interpretation

To carry out works under the contracts in 2014-2024 200 personnel and 92 units of machinery & equipment were involved

2015 – 2016

YNG PL has successfully completed a full scope of works under the project "3D CDP seismic exploration including the sea/ land transition zones in the area within the North Goturdepe field and shallow waters of the Caspian Sea and the adjacent area, including the Central and Western Goturdepe areas" in the amount of 420 km².

2016 – 2017

YNG PL has performed a set of field works under the project "2D CDP seismic exploration within the prospective areas of the Kelkor trough - Darja and Tekejik in Western Turkmenistan, including transition zones sea/ land" in the amount of 874 lin. km, as well as has completed the processing and interpretation of data and successfully presented the "Goturdepe 3D" report.

2017 – 2019

YNG PL has performed a set of field works under the project "CDP-3D seismic exploration at the Barsa-Helmes oil and gas field in Western Turkmenistan" in the amount of 345 km², and has also completed the processing and interpretation of data and presented the Darja and Tekejik 2D project report and the Barsa-Helmes 3D project report.



● Goturdepe 3D – 420 km²

● Darja 2D – 874 lin.km

● Barsa-Helmes 3D – 345 km²

GEOPHYSICAL WORKS AND SURVEYS

2021 – 2024

- Yug-Neftegaz Private Limited successfully completed a set of field works on the project "3D seismic exploration works on the East Goturdepe area in the volume of 250 km² of full-edge area (on the map - area No. 1).

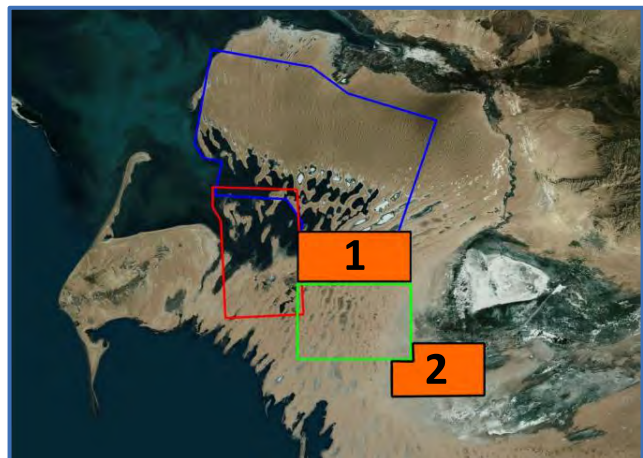
The scope of works included:

- 3D CDPM field works.
- 3D field data processing.
- Well logging data acquisition, digitizing, processing, interpretation (900+ wells).
- 3D data interpretation and 27 structure maps generated.
- Mapping of reservoir zones.
- Data analysis, leads and prospects mapping.
- Preparation and presentation of the final Report.

- Yug-Neftegaz Private Limited has successfully completed a set of field works on the project "2D seismic exploration in the Yuzhny Burun area in the volume of 245 linear kilometres (on the map - area No.2).

The scope of work included:

- 2D CDPM field works.
- 2D field data processing.
- Well logging data acquisition, digitizing, processing, interpretation and stratigraphic correlation.
- 2D data interpretation and generating structure maps.
- Data analysis, leads and prospects mapping.
- Preparation and presentation of final Report.



OUR MACHINERY & EQUIPMENT FOR FIELD WORKS



wireless **SEISMIC**
Real Time Matters



RT System 2



Field works at Goturdepe oilfield



Field works at Goturdepe oilfield



Darja area: Seismic shooting in transition zone by applying pulsed source on a floater towed by dozer (for peat-land operation)



Safety-awareness (HSE) briefing prior to commencement of surveys



Barsagelmez oilfield: Testing and tuning of RTS2 wireless seismic data acquisition system (manufactured by Wireless Seismic (USA))



Goturdepe oilfield: Generating seismic signal by applying updated Nomad 65 NEO vibro-seis sources (manufactured by Sercel (France))



Barsagelmez oilfield: Placing WRUs of RTS2 wireless seismic data acquisition system (manufactured by Wireless Seismic (USA))



3D surveys in transition zones within Northern Goturdepe oilfield and in shallow waters of the Caspian Sea



2D surveys including land and shallow



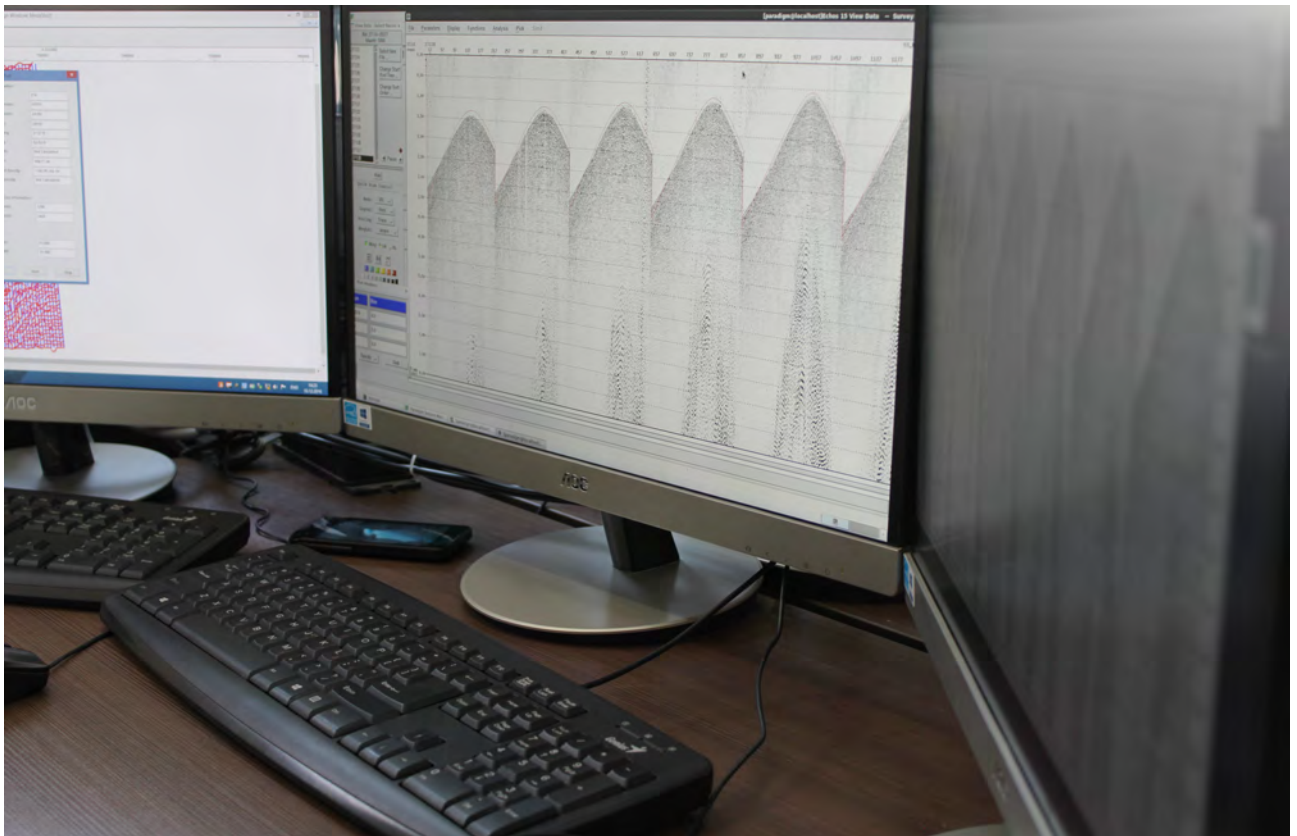
Operation of pulsed source on a floater driven by outboard motors while shooting in shallow waters (to 3m depth)



waters of the Caspian Sea within the Darja bay.



Acquisition design by using industry-leading GMG Mesa (USA) software package



Seismic data processing by employing industry-leading Paradigm Echos (USA) system



Planning optimum elaboration of seismic design with the use of high-resolution satellite images



Seismic data QC by applying SeisWin-QC (Russia) specialty software package

OIL WELL DRILLING

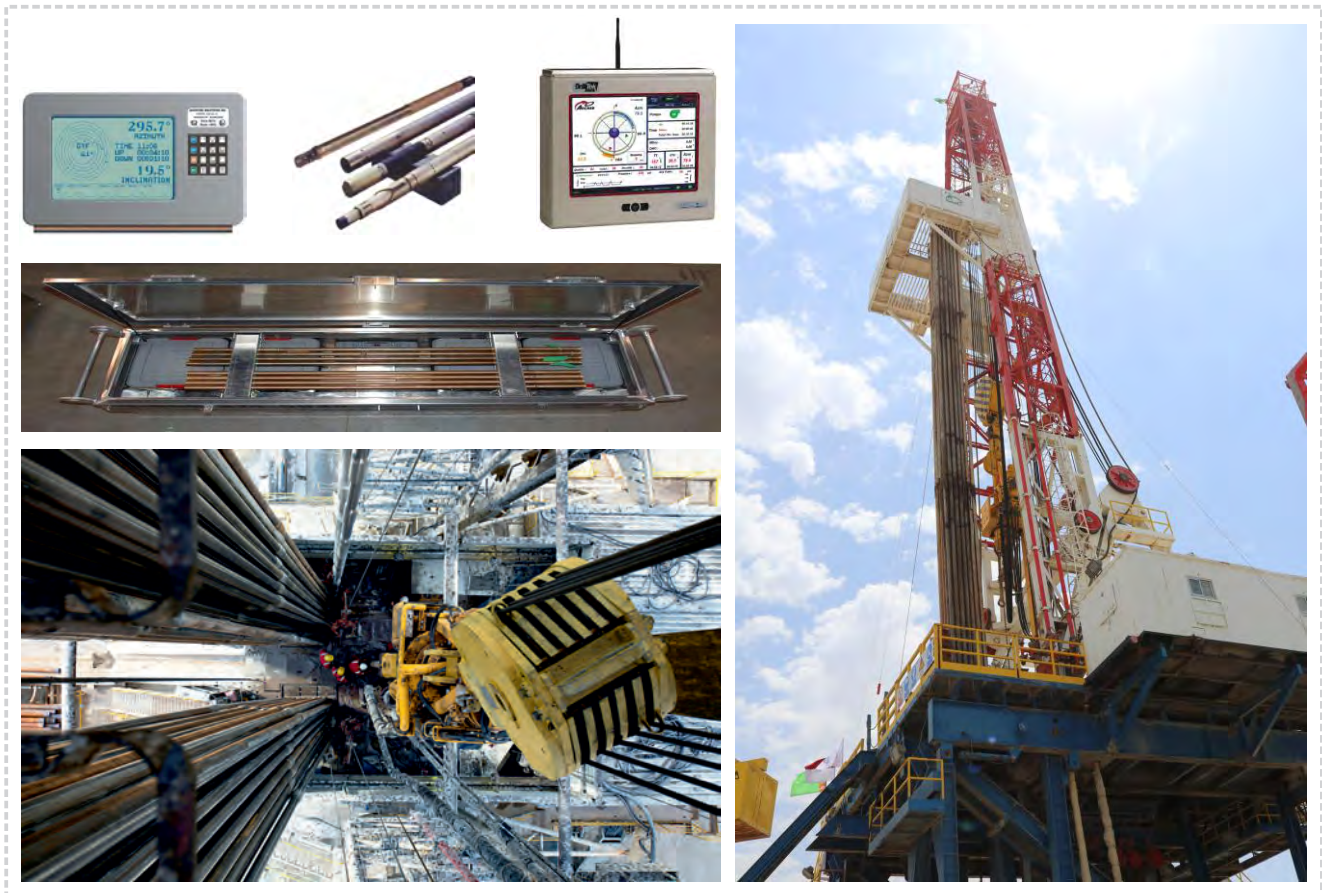
Based on the results of our previous surveys and those of the interpretation of the field data acquired at the Goturdepe oilfield, the Company started drilling 5,000 m deep vertical wells in the Northern Goturdepe oilfield.

As of 10/01/2024, drilling of thirty (30) 5,000 m deep oil wells has been completed. The Company is currently drilling another six (6) wells.

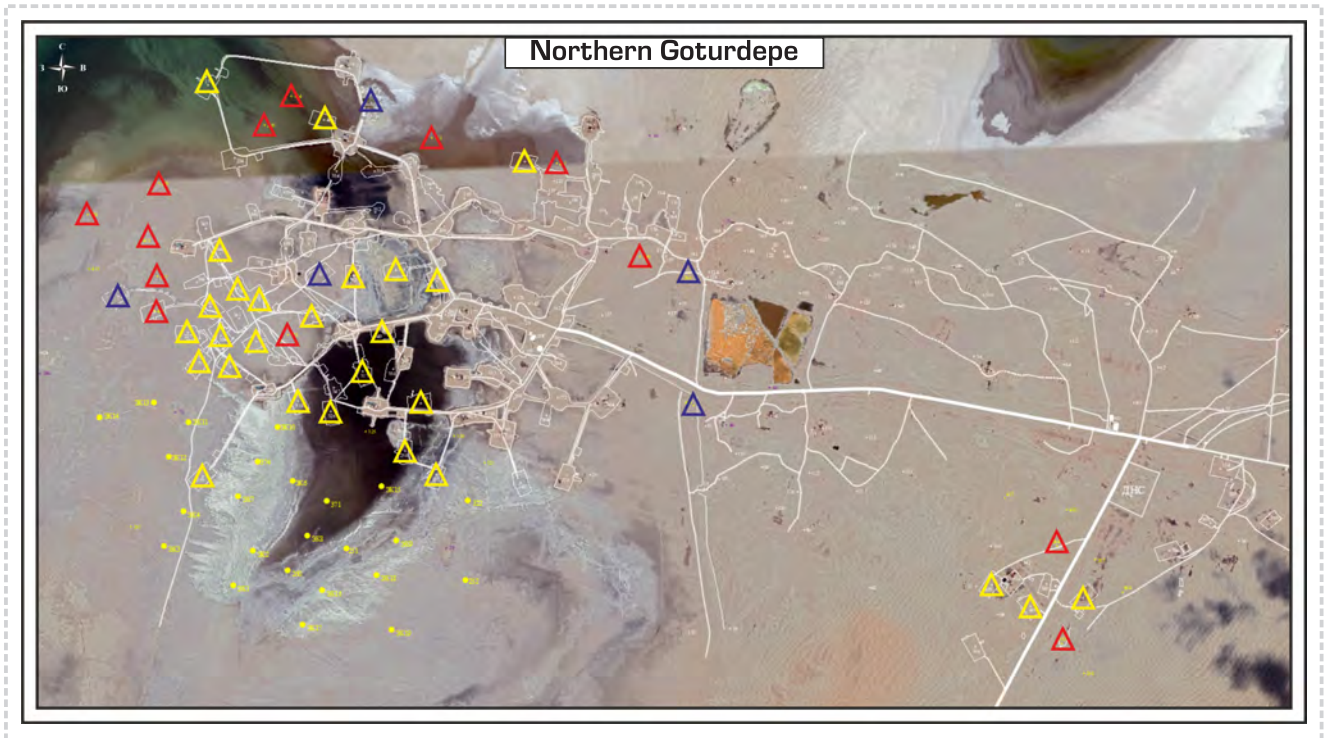
In the future, it is planned to drill about sixty 4,500 m — 5,000 m deep wells, which will also significantly increase the production of new oil at the field, which has been in operation for 50+ years.

It is scheduled drilling of the following wells:

- ▀ vertical wells
- ▀ directional wells
- ▀ horizontal wells



WELLS TO BE DRILLED IN 2025 – 2030



- wells being drilled



- completed wells



- wells to be drilled in 2025

320



- wells to be drilled within 2025-2030

INVOLVED IN DRILLING WORKS IN TURKMENISTAN:

- 225+ employees including 190+ locals
- Six (6) drilling rigs (450 t load capacity each)

DRILLING EQUIPMENT RENTAL

On the territory of Turkmenistan the Company provides engineering services for drilling vertical, directional and horizontal wells. Besides, we also provide our clients with the following rental drilling equipment:

- Downhole motors
- Jars
- Drilling bits
- Tubulars (DP, HWDP, DC, NMDC)
- Stabilizers
- Other drilling equipment



DRILLING EQUIPMENT SERVICE

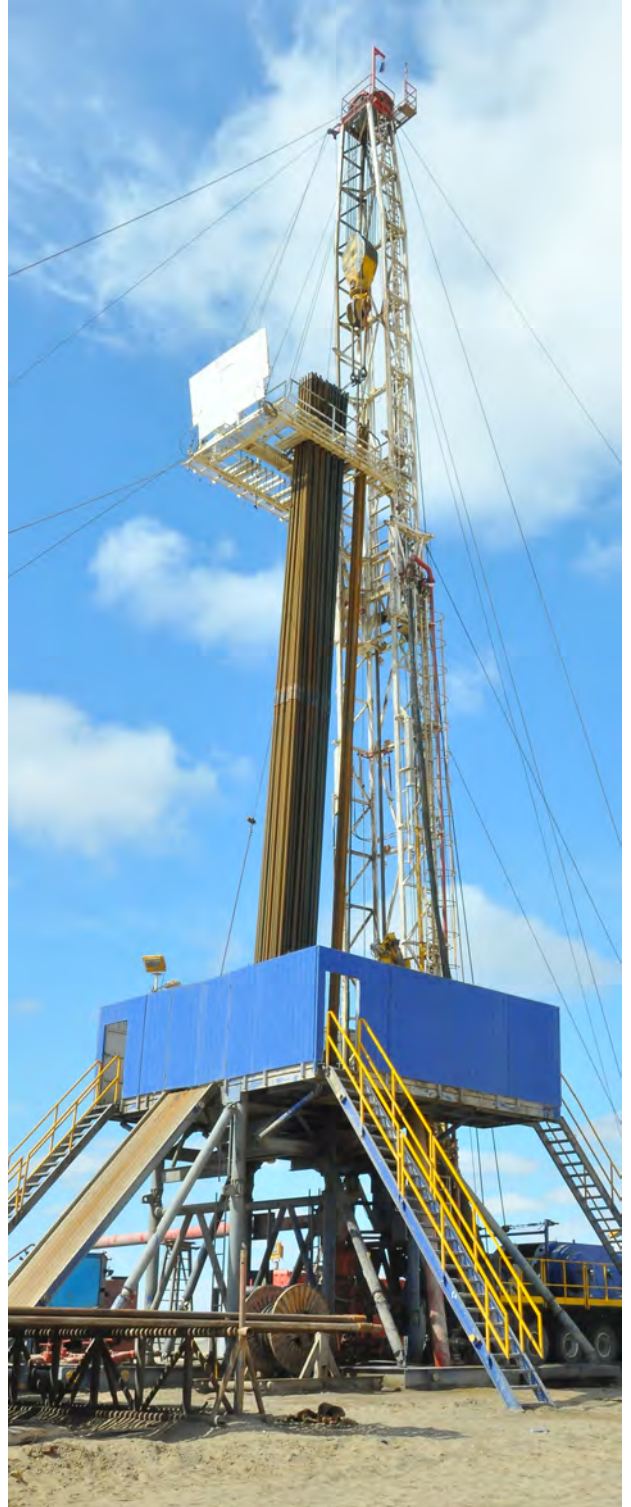
In 2020, we built and commissioned a workshop for the repair & maintenance of drilling equipment in Turkmenistan.

The list of equipment we service for the time being includes:

- ▀ Downhole motors
- ▀ Jars
- ▀ Tubulars (DP, HWDP, DC, NMDC)
- ▀ Stabilizers



WORKOVER AND OIL WELL STIMULATION



The Company has purchased and imported to Turkmenistan
190+ units of machinery & equipment.

KEY MACHINERY & EQUIPMENT

Workover, well servicing and well stimulation services are performed by our 12 crews. They have got the following key machinery and equipment:

- ZJ-40 Mobile rig for workover and sidetracking (225 ton load capacity) - 1 unit;
- ZJ-15 Mobile rig for workover and sidetracking (100-ton load capacity) – 2 units;
- workover rigs (60 / 80, 100, and 125 ton load capacity) - 8 units;
- Fleet of coiled tubing units (coiled tubing length – 5,500 m.) - 3 units;
- Hydraulic fracturing fleet (3 x 6,750 HP pumping units, 1 x 12 m³/min sand blender; 1 x data van; 1 x manifold block; 6 x 300 m³ tanks) - 1 fleet;

In addition, a mobile nitrogen unit (membrane type) and other specialty equipment - pumping units (320/400/500/700/1000 MPa), PPU, ADPM, truck cranes (25 to 80 ton carrying capacity), a Slickline, tank trucks and oil tankers, trucks, pipe carriers, etc.



Goturdepe oilfield: Side-tracking by using ZJ-40 mobile drilling rig (225 ton load capacity)

COILED TUBING DOWNHOLE TREATMENT:

- Sand washing;
- Well kill;
- Well completion (delivery) using liquid nitrogen;
- Plug back jobs;
- Well down-hole equipment operations;
- Coiled tubing servicing;
- Bottom hole treatment.



Goturdepe oilfield: Frac job by

BOTTOM HOLE TREATMENT

- ▀ Chemical treatment
- ▀ Hydraulic fracturing
- ▀ Sand jet perforating job

WORKOVER AND WELL SERVICING

- ▀ Replacement of electric submersible pumps
- ▀ Remedial cementing
- ▀ Tubing replacement
- ▀ Well clean out
- ▀ Well recompletion
- ▀ Production-injection well conversion
- ▀ Well suspension and abandonment
- ▀ Side-tracking and well deepening
- ▀ Casing/liner repair
- ▀ Production casing remedial works
- ▀ Water shut-off/ Water inflow limitation
- ▀ Fishing jobs



employing YNG PL frac fleet



Goturdepe oilfield: Water shut-off jobs by using a workover rig (80 ton load capacity)



Keymir oilfield: Well acidizing by applying MK30T coiled tubing unit



Barsagelmez oilfield: Sand-jet perforating jobs



Goturdepe oilfield: Well workover in abnormal operating conditions by using a workover rig (125 ton load capacity)



Barsagelmez oilfield: Pumper operation while water shut-off jobs

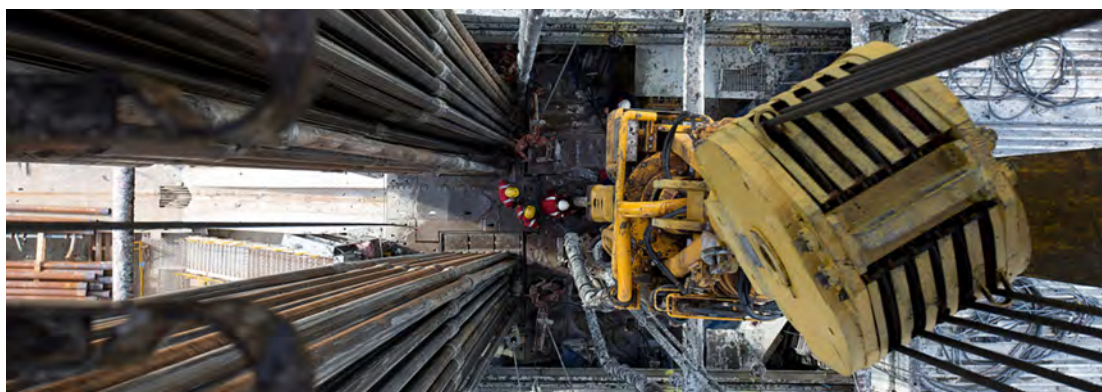


Goturdepe oilfield: CT-conveyed acidizing by employing acid-proof pumper



Barsagelmez oilfield: Well workover job in abnormal operating conditions by using ZJ-40 mobile drilling rig (225 ton load capacity)

DIRECTIONAL SIDE-TRACKING



Barsagelmez oilfield: Telemetry-aided side-tracking

The availability of high-tech tooling and equipment for production assignments is an important criterion for the successful operation of the Company when providing directional drilling services.

Our team of engineers has long-term experience in drilling various types of wells, including build-and-hold wellbores likewise horizontal and multilateral wells.



Telemetry system equipment packages for directional drilling:
COMPASS (USA) and DrillTek (Canada)

COMPANY'S OPERATIONS FACILITIES

In order to create the proper conditions for planning, managing and ensuring performance of works and contract terms, the Company has built 2 field operation facilities in the Balkan province of Turkmenistan (at the Goturdepe oilfield and not far from Okarem settlement at the Keymir oilfield) and another one in the Ahal province (at the Mydar oilfield).

The said facilities have the required production, warehousing, office, educational, cultural, residential and non-residential premises as well as cranes, lifting equipment, automotive vehicles, and equipment fitted with the necessary appliances and tooling.

The proper accommodation, board & lodging conditions have been created for the Company's employees ensuring their daily work, living and leisure time.

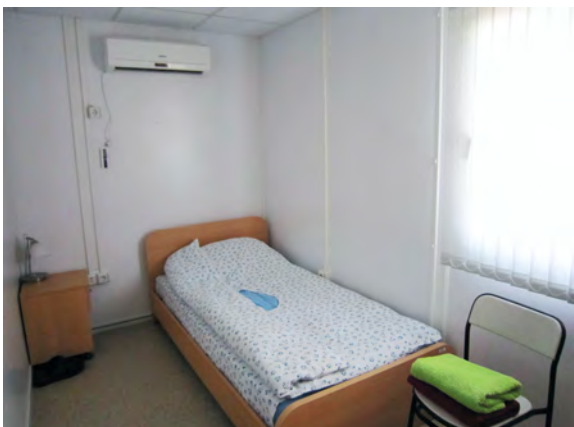


Operation, workshop, and maintenance facilities

Workshop yard, storage, and supply facilities



Living conditions





YUG-NEFTEGAZ

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