



Hydrocarbon Geology of the North Caucasus Area

The North Caucasus region is one of the oldest hydrocarbon-producing areas of the former USSR, production having begun in the Krasnodar region in 1865. Today oil and gas are produced from a wide variety of horizons ranging in age from Carboniferous to Oligocene.

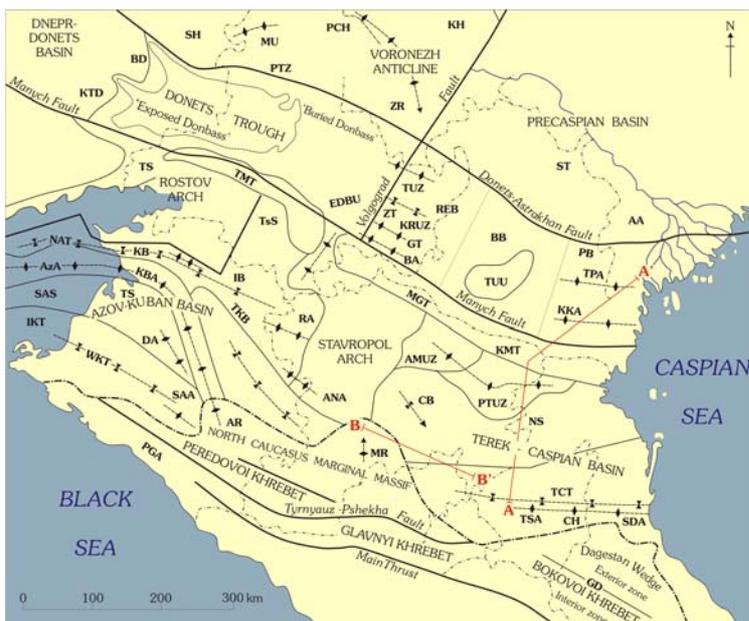
However, considerable exploration potential remains for those targets where the local oil and gas industry lacks specific technology or equipment. This is particularly the case with deeper targets and stratigraphic traps.

KEY FEATURES

- over 90 pages of text
- over 100 figures and enclosures
- database of 344 fields
- an extensive glossary of Russian names

There are also a number of undeveloped fields for which joint ventures with western partners are being sought. The area has good infrastructure and is adjacent to the Black Sea with its deep-water port facilities.

The report covers the administrative areas of Rostov, Krasnodar, Stavropol, the semi-autonomous republics of Dagestan and Chechniya, and adjacent areas.



The report is based on extensive Russian data obtained during visits to the area and following discussions with personnel from a variety of geological organisations, oil and gas companies and universities.

Information is included from Blackbourn Geoconsulting's field database of the study area. Data on production, reserves, economic indicators and other parameters are included for many fields. Details on separate accumulations within the fields are also included.

CHAPTER 1: INTRODUCTION

- 1.1 *Description of the Report*
- 1.2 *Description of the Area and its Infrastructure*
- 1.3 *History of Hydrocarbon Development in the North Caucasus*
- 1.4 *Organisation of the North Caucasus Hydrocarbon Industry*
- 1.5 *Stratigraphic Nomenclature in the North Caucasus*
- 1.6 *Classification of Hydrocarbon Reserves*
- 1.7 *Russian Units of Measurement*

CHAPTER 2: TECTONIC EVOLUTION AND STRUCTURE OF THE NORTH CAUCASUS

- 2.1 *Tectonic Evolution*
- 2.2 *Main Structural Elements of the North Caucasus*

CHAPTER 3: STRATIGRAPHY AND DEPOSITIONAL ENVIRONMENTS OF THE NORTH CAUCASUS

- 3.1 *The "Pre-Hercynian" Basement Rocks of the North Caucasus*
- 3.2 *The "Hercynian Cycle" (to end-Carboniferous)*
- 3.3 *The Permo-Triassic ("Intermediate") Complex*
- 3.4 *Jurassic*
- 3.5 *Cretaceous*
- 3.6 *Tertiary*
- 3.7 *Quaternary*

CHAPTER 4: HYDROCARBON RESOURCES OF THE NORTH CAUCASUS

- 4.1 *Rostov Province*
- 4.2 *The Azov-Kuban Province*
- 4.3 *The Stavropol Province*
- 4.4 *The Eastern Precaucasus Province*
- 4.5 *Hydrocarbon Composition*

CHAPTER 5: HYDROCARBON PROSPECTIVITY

- 5.1 *Introduction*
- 5.2 *Carboniferous*
- 5.3 *Mesozoic and Tertiary*

Timing & Cost

This report was produced in 1992, and although some introductory sections have been superseded, it remains a thorough review of the hydrocarbon geology of the region. The Field Database has been regularly updated.

The report is available now at a cost of **US \$9,000**. For further details on this report, please visit www.blackbourn.co.uk/reports/north-caucasus.html or contact Dr Graham Blackbourn at:

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