

BLOCK 8

DYKHTYNETSKA LICENSE

LOCATION

Dykhtynetska block is located in Chernivtsi and Ivano-Frankivsk regions. The area of the concession is 74.06 km<sup>2</sup>.

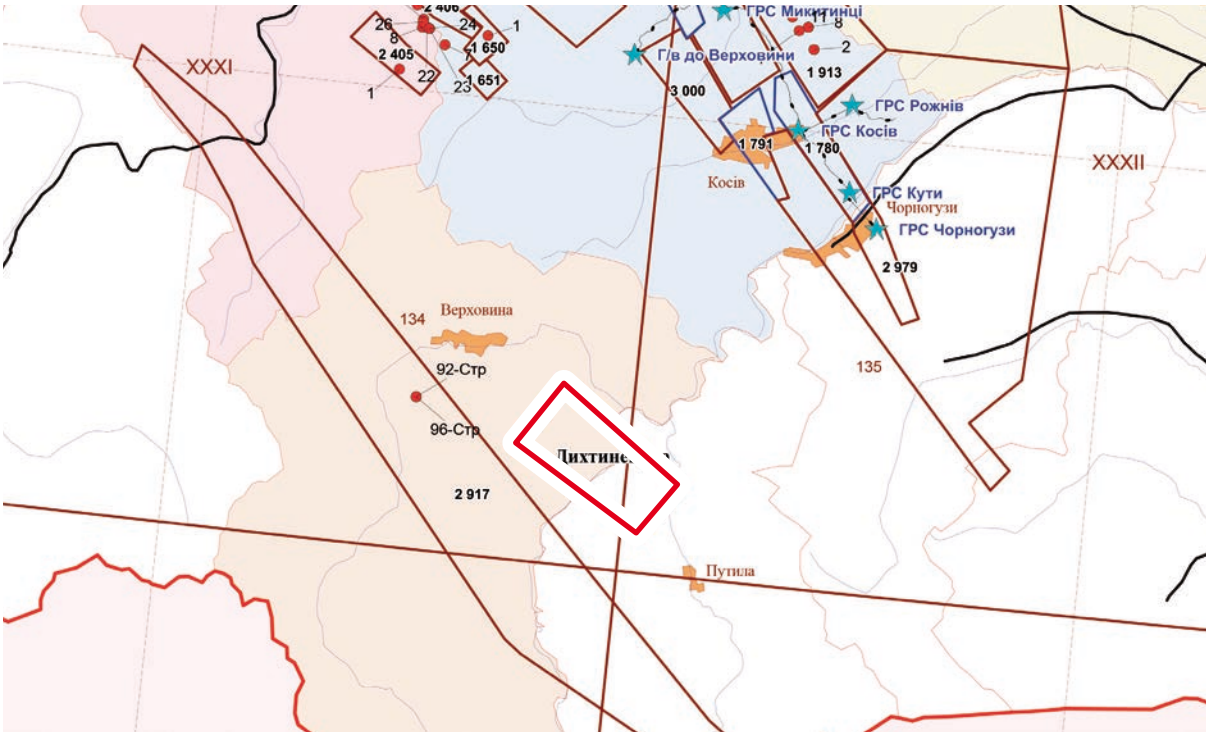
CONCESSION TYPE

Combined license for geological exploration with pilot and commercial development, and production of hydrocarbons.  
Duration - 20 years.

DEPOSITS DISCOVERED IN THE AREA

Putyvlska petroleum field.

Map of Dykhtynetska block



MAP SYMBOLS

Point Number	USK 2000, E			USK 2000, N			SK-42, E			SK-42, N		
	deg.	min.	sec.	deg.	min.	sec.	deg.	min.	sec.	deg.	min.	sec.
1	24	55	22.28	48	7	55.75	24	55	28.40	48	7	56.79
2	25	3	39.50	48	3	56.06	25	3	45.60	48	3	57.09
3	25	1	14.11	48	1	34.74	25	1	20.21	48	1	35.78
4	24	52	34.99	48	5	2.32	24	52	41.11	48	5	3.36
5	24	55	22.28	48	7	55.75	24	55	28.40	48	7	56.79

- well
- gas-distribution plant
- gas pipeline
- DYKHTYNETSKA BLOCK

## GEOLOGICAL CHARACTERISTICS

The block is located within the Bilche-Volytska zone of the PreCarpathian Foreland. Dykhtynetska high is a large brachyanticline of Carpathian strike. The sides of the structure are almost symmetrical. The angle of the dip of the north-eastern side is 10 °, while the north-west is 8 °. The Dichtynetska structure is divided by longitudinal faults into separate blocks. The amplitude of these faults varies from 50-200 meters.

There is a number of promising petroleum accumulations near the block. The south-western periclinal of the Khotkevitska structure locates in the northwest direction from the Dykhtynetska high. Yablunytsia anticline was discovered near the settlement Yablunytsia. Usterikske high is located in a north-eastern direction from Dykhtynetska brachyanticline.

Appraisal well No. 1-Ploska on the neighboring Putyla block found the gas on the depth of 2491 meters. Hydrocarbons content in the produced gas in the Paleogene sediments reached 25-50%, and in Cretaceous sediments 80-100%. The gas deposits are associated with the sandstone layers in the autochthonous deposits of the Paleogene and Cretaceous.

## SURVEY INFORMATION AVAILABLE

### Assessment of hydrocarbon resources (Ukrainian classification)

The block is located in a promising petroleum region with a density of undiscovered prospective and inferred hydrocarbon resources estimated to be from 30 to 50 thousand tons per km<sup>2</sup>.

### Well data

There has been no drilling in the block.

### Seismic surveys

Year of surveys	Number of lines	Number of linear km	Fold
1984	3	24	2-6
1988	8	71,5	6
1989	11	91	6

## EXPLORATION WORK PROGRAM REQUIREMENTS

Stage I (12 months) - processing and reinterpretation of 2D seismic data

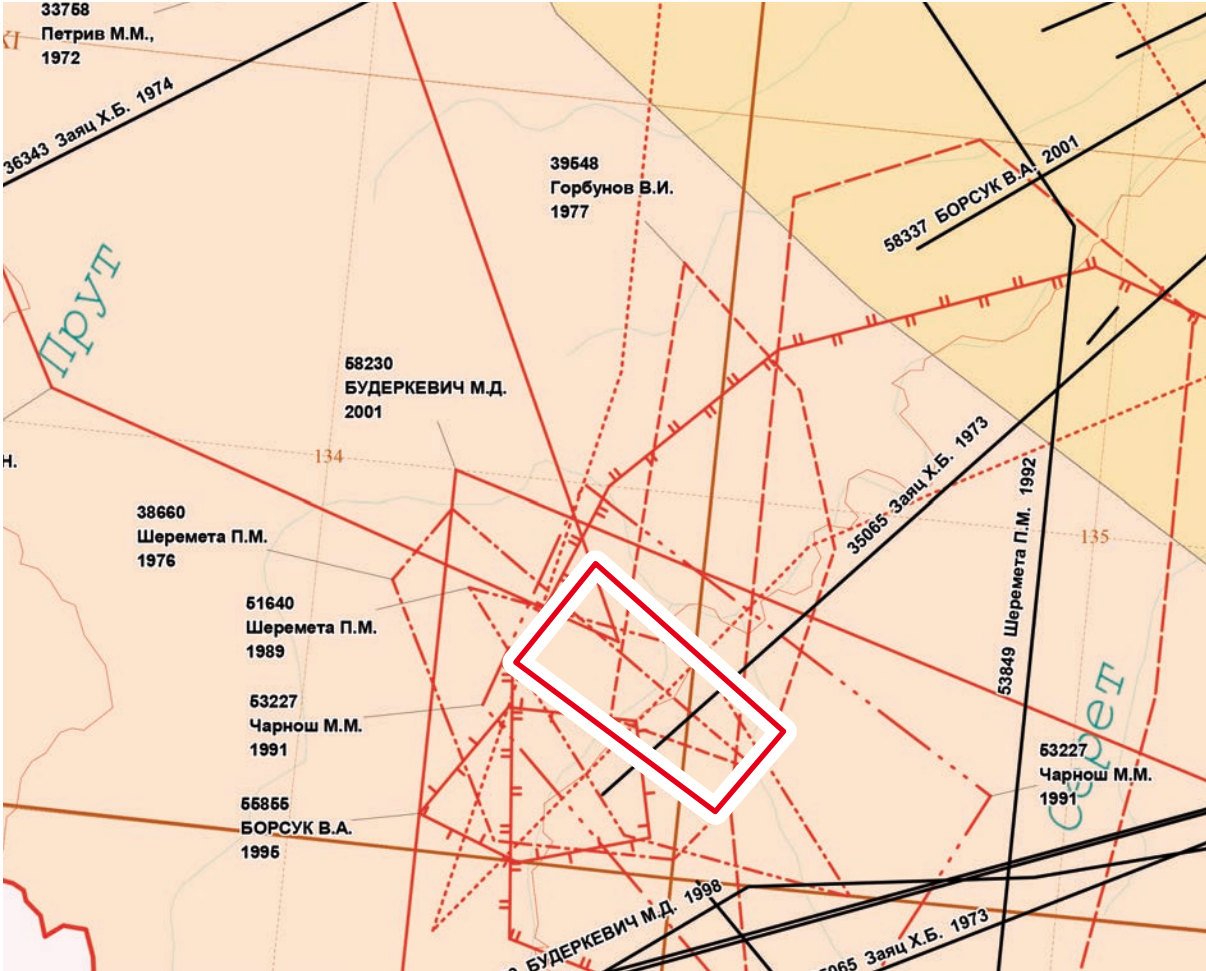
Stage II (12 months) – acquisition of 2D or 3D seismic data on 1/4 of the block's area

Stage III (24 months) – one productive well drilling

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Map of geophysical surveys and seismic lines



### MAP SYMBOLS

1:25 000

1:50 000

1:100 000

geophysical survey

seismic lines



DYKHTYNETSKA BLOCK



survey with no mapping

45860 report number

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1982 year of the report