

BLOCK 25

SOUTH SLYVKYNSKA LICENSE

LOCATION

South Slyvkynska block is located in Rozhnyatyn and Bohorodchany districts of Ivano-Frankivsk region. Acreage of the block is 11.69 sq. km.

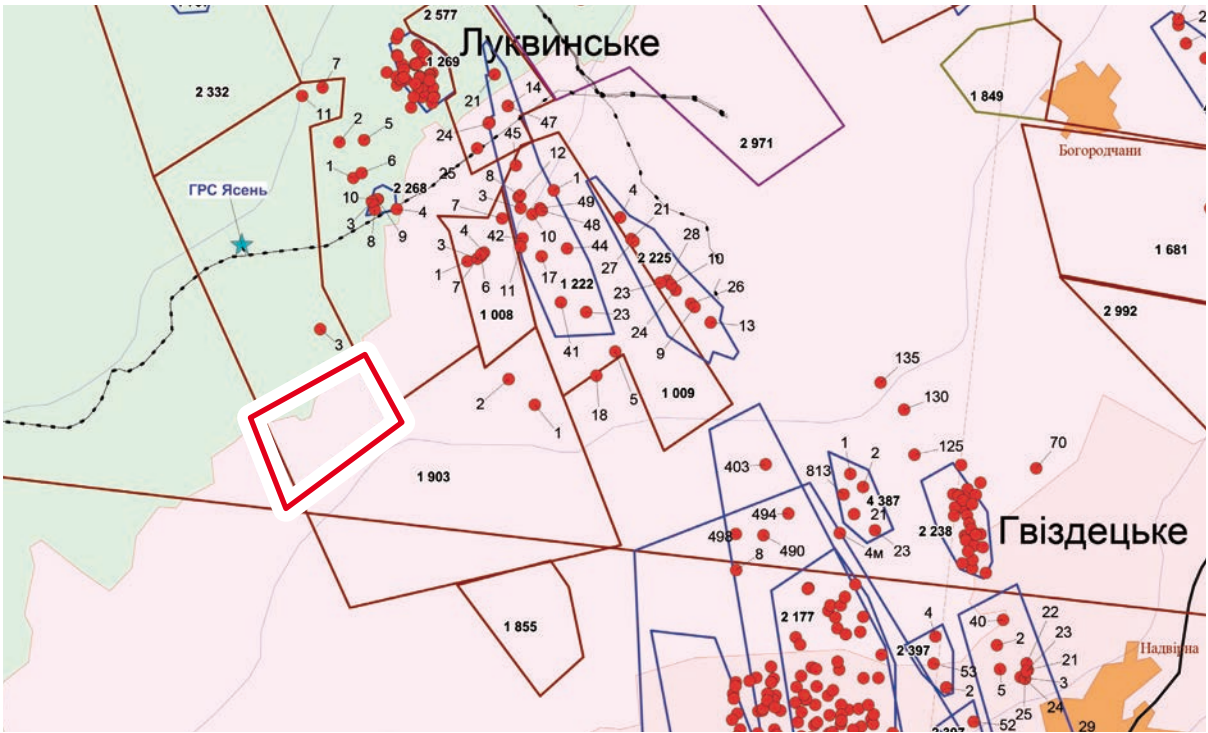
CONCESSION TYPE

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

DEPOSITS DISCOVERED IN THE AREA

Bohrivske, Yablono-Krychkivske and Rudavetske oil fields.

Map of South Slyvkynska 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	23	50	54.06	49	6	37.14	23	51	0.35	49	6	38.20
2	23	55	52.07	49	4	44.14	23	55	58.35	49	4	45.20
3	23	56	9.07	49	4	14.14	23	56	15.35	49	4	15.20
4	23	55	42.07	49	3	40.14	23	55	48.35	49	3	41.20
5	23	49	39.07	49	6	44.14	23	49	45.35	49	6	45.20

- well
- gas-distribution plant
- gas pipeline
- SOUTH SLYVKYNSKA BLOCK

GEOLOGICAL CHARACTERISTICS

South Slyvkunska block belongs to the Nadvirna oil and gas region. In terms of geotectonics, South-Slyvkynska block is located at the junction of Ukrainian Carpathians and the Boryslav-Pokutska zone of the Pre-Carpathian Basin.

The South Slyvkynska structure was discovered by seismic surveys in 1985. In structural terms, the block covers the South Slyvkynska fold of the first stage of structures, which is represented by two blocks: the North-West (Pohorsky) and the South-East (Krychkivsky).

Structural forms of these blocks, taking into account possible transverse faults are favorable for the existence of oil and gas deposits in them. Reservoir rocks are sandy-silty varieties of rocks with relatively high reservoir properties. In the Yamnian sediments, it is possible to expect horizons of sandstones with a total thickness of 10-15 m, in Manyavsky - 30-40 m, in Vypodsky - 20-35 m, and in Menilite - 100-150 m.

SURVEY INFORMATION AVAILABLE

Assessment of hydrocarbon resources (Ukrainian classification)

Undiscovered inferred resources (category C3+D) are estimated in 4051 million.m3 of oil equivalent.

Well data

There have been drilled 7 geochemical wells, which are located on two lines. The analysis of the results of geochemical studies showed that in all samples taken from drilled special geochemical wells, there are abnormal concentrations of hydrocarbon gas.

Seismic surveys

Year of surveys	Number of lines	Number of linear km	Fold
1981	4	16,9	6
1995	1	7,7	12

EXPLORATION WORK PROGRAM REQUIREMENTS

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

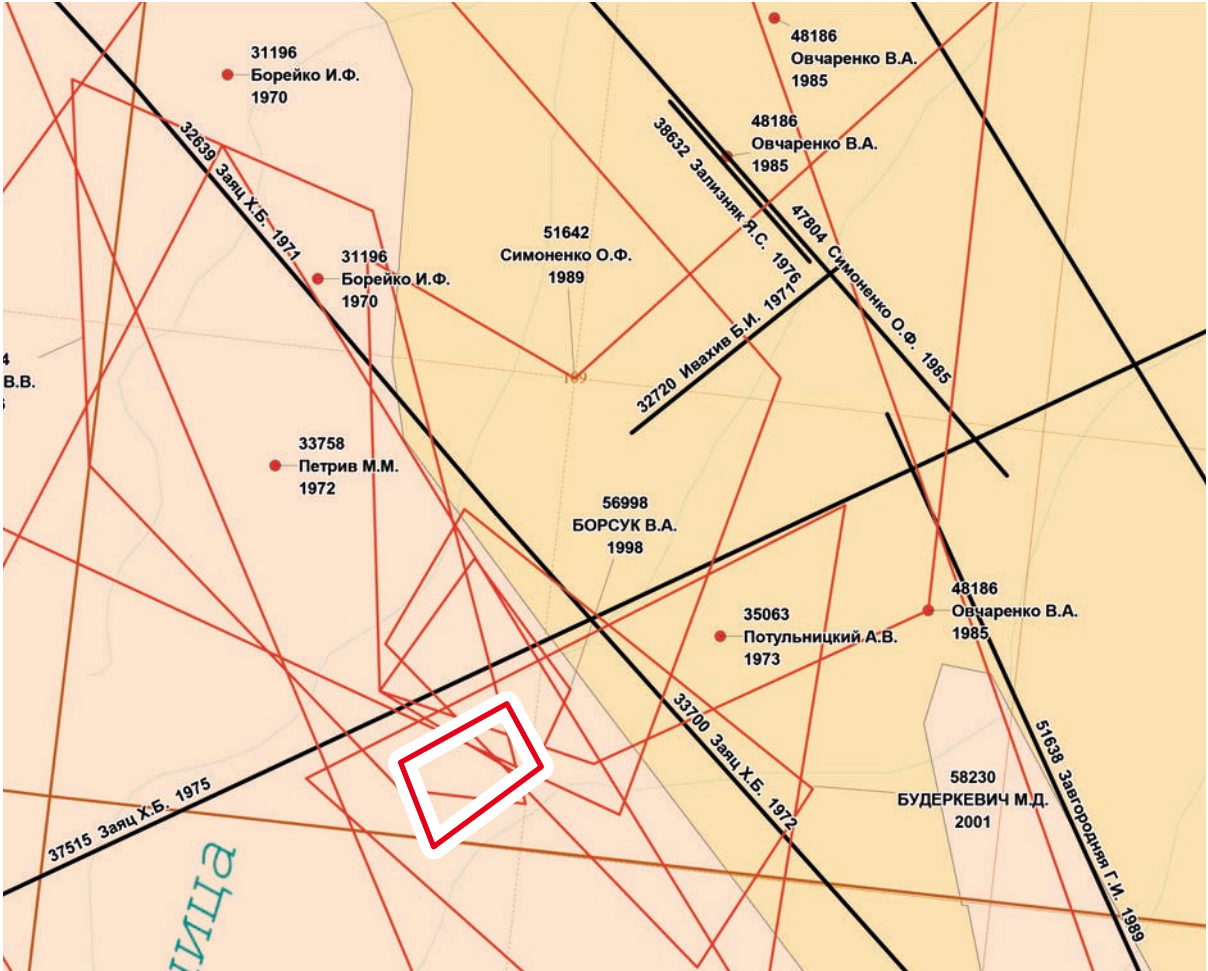
Stage II (12 months) – acquisition of 2D or 3D seismic data on ¼ of the block's area;

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
- SOUTH SLYVKYNSKA BLOCK

survey with no mapping
- 51238 report number

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1988 year of the report