

BLOCK 23

YASENSKA LICENSE

LOCATION

Yasenska block is located in Rozhnativ district of Ivano-Frankivsk region. Acreage of the block is 35.36 sq. km.

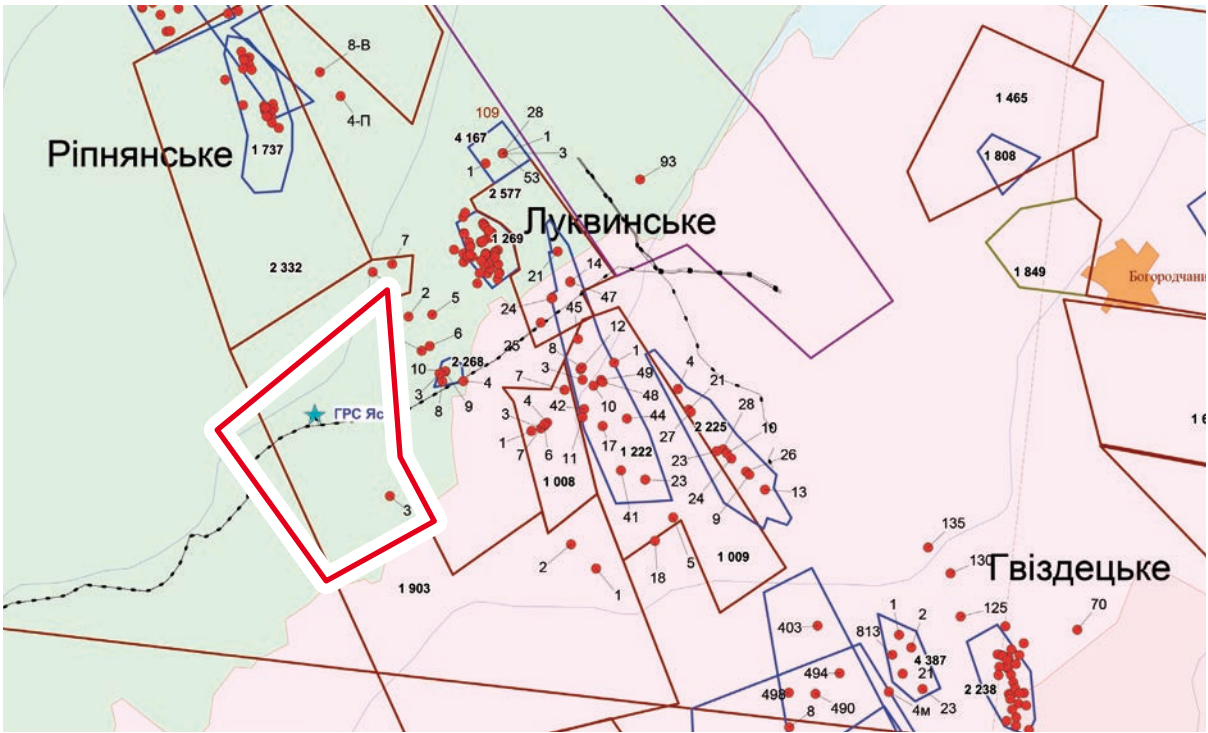
CONCESSION TYPE

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 Rudavtske oil fields.

Map of Yasenska 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	7	53.00	48	43	57.00	24	7	59.22	48	43	58.06
2	24	12	1.00	48	46	47.00	24	12	7.23	48	46	48.05
3	24	12	53.00	48	43	51.00	24	12	59.22	48	43	52.06
4	24	13	60.00	48	42	47.00	24	14	6.22	48	42	48.06
5	24	11	17.00	48	41	30.00	24	11	23.22	48	41	31.06

- well
- gas-distribution plant
- gas pipeline
- YASENSKA BLOCK

GEOLOGICAL CHARACTERISTICS

In terms of geotectonics, the block is located in the second stage of the folds of the central part of the Boryslav-Pokutska zone.

Yasenska block is located in the area of Bohrivske and Rudavetske oil fields. The area of the deposits was explored in 1961-1965 by geological survey of scale 1: 25000 and 1: 50000, and in 1964-1965 by detailed seismic studies. As a result of the work, the Bohrivsk fold (southwest of Lukvinska fold) was discovered.

Flysch formations of the Upper Cretaceous (Stryan suite) and molasse sediments of the Miocene (Polyanytsia suite) form the geological structure of the fold.

In neighboring fields depths of oil-saturated intervals are in the range from 1000 to 3900 m.

SURVEY INFORMATION AVAILABLE

Assessment of hydrocarbon resources (Ukrainian classification)

Undiscovered inferred resources (category C3+D) from 50 to 100 thousand tons of oil equivalent per sq.km..

Well data

The field was discovered in 1979 by well No. 3, which gave 10 m³ /day of oil from the Menilite suite of Oligocene (interval 1024-1112 m) an at a dynamic level of 856 m. In total, 8 exploration and appraisal wells have been drilled.

Seismic surveys

Year of surveys	Number of lines	Number of linear km	Fold
1979	3	16,9	6
1981	1	7,7	6
1984	3	24,5	6
1988	4	49,52	6-12
1991	1	6,0	24
1995	3	17,7	12
2001	2	14,2	15

EXPLORATION WORK PROGRAM REQUIREMENTS

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

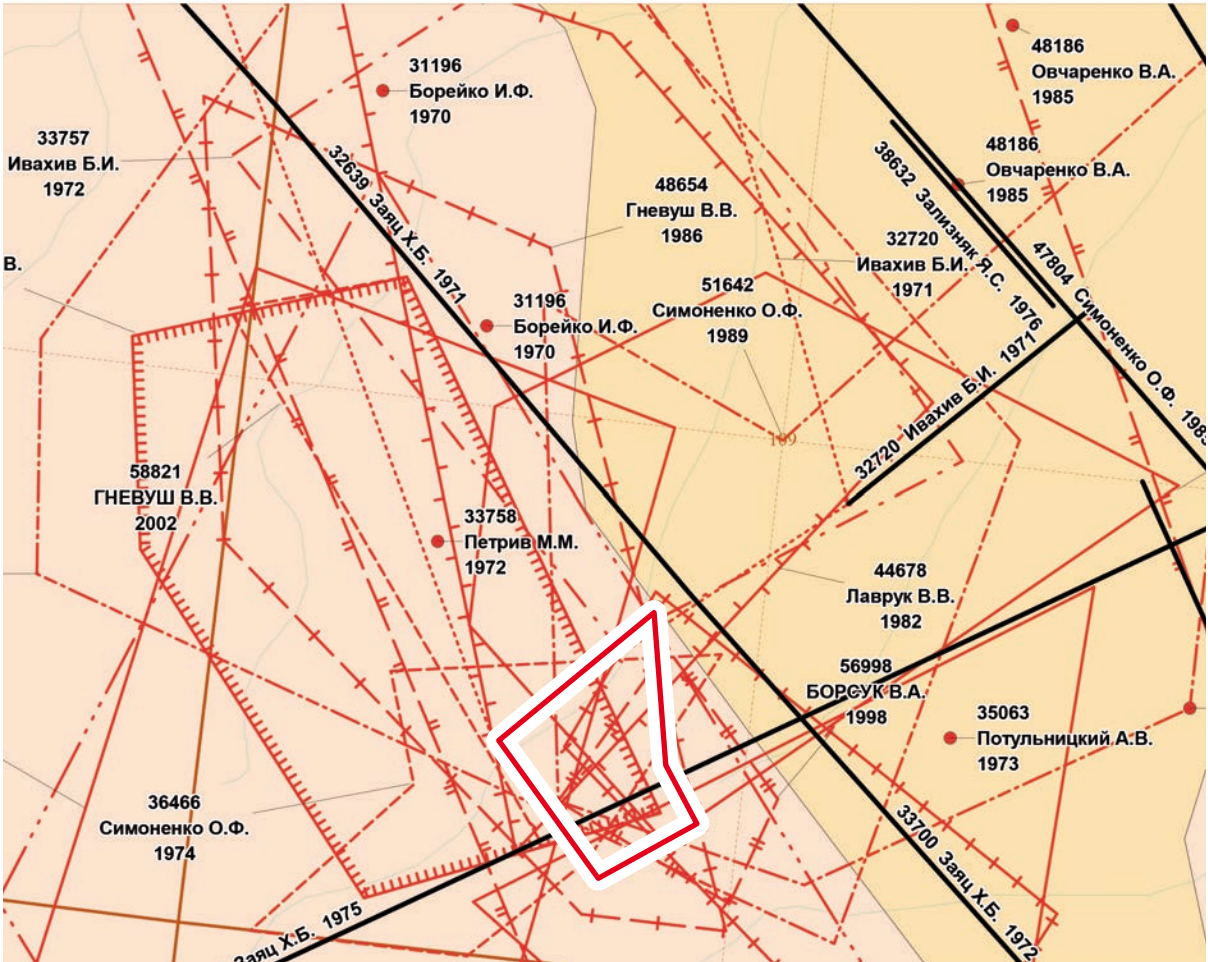
Stage II (12 months) – acquisition of 2D or 3D seismic data on ¼ of the block's area;

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
- YASENSKA BLOCK

survey with no mapping
- 51238

report number

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author of the report

1988

year of the report