

# BLOCK 5

## SALTIVSKA LICENSE

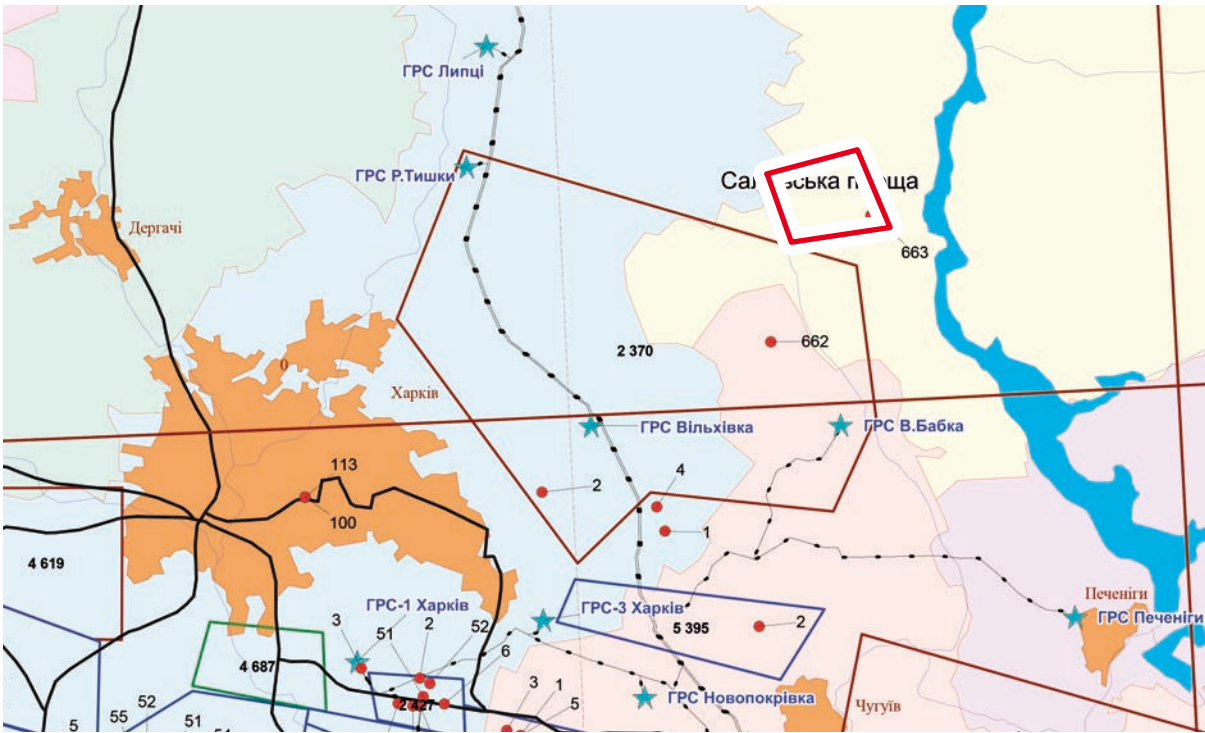
LOCATION	CONCESSION TYPE	DEPOSITS DISCOVERED IN THE AREA
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Saltivska block is located in Vovchansk and Kharkiv districts of Kharkiv region, 27 km from the city of Kharkiv. The area of the block is 26.16 km<sup>2</sup>.

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

Bezlyudivske, Vasyzhivske, Pivnichno-Korobochkynske, Skvortsivske and Yuliivske hydrocarbons fields.

Map of Saltivska 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	36	44	39.02	50	8	4.23	36	44	44.97	50	8	4.46
2	36	46	4.19	50	5	32.10	36	46	10.13	50	5	32.32
3	36	41	9.19	50	5	13.17	36	41	15.14	50	5	13.40
4	36	40	7.28	50	7	25.73	36	40	13.24	50	7	25.96
5	36	40	5.45	50	7	26.40	36	40	11.41	50	7	26.63
6	36	44	39.02	50	8	4.23	36	44	44.97	50	8	4.46

- well
- gas-distribution plant
- gas pipeline
- SALTIVSKA BLOCK

## **GEOLOGICAL CHARACTERISTICS**

The Saltivska block is located within the central part of the northern edge of the Dnipro-Donets basin. The production from the neighboring fields in operation is associated with the deposits of Middle and Lower Carboniferous and the Precambrian crystalline basement rocks. The Saltivska structure is an anticlinal fold of the northeast strike, developed over a horseshoe-shaped tectonic block of the basement, limited by faults with amplitudes from 20 to 100 meters.

## **SURVEY INFORMATION AVAILABLE**

Gravimetric surveys in the area of the Saltivska block were conducted during 1988-2011. Seismic surveys were carried out in 2005-2011, which discovered the geological structure on the reflecting horizon VB2-n in the Lower and Middle Carboniferous and Upper Jurassic deposits.

### **Assessment of hydrocarbon resources (Ukrainian classification)**

Prospective gas resources are estimated at 5.33 million m<sup>3</sup> of C3 category.

### **Seismic surveys**

294.2 km of seismic lines have been carried out for exploring the area in close vicinity of the block.

### **Well data**

Test drilling of the Molodovska-663 well identified the gas in the Visean and Serpukhovian deposits of the Lower Carboniferous and diluted rocks of the basement in the range of 1000 to 1350 meters.

## **EXPLORATION WORK PROGRAM REQUIREMENTS**

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

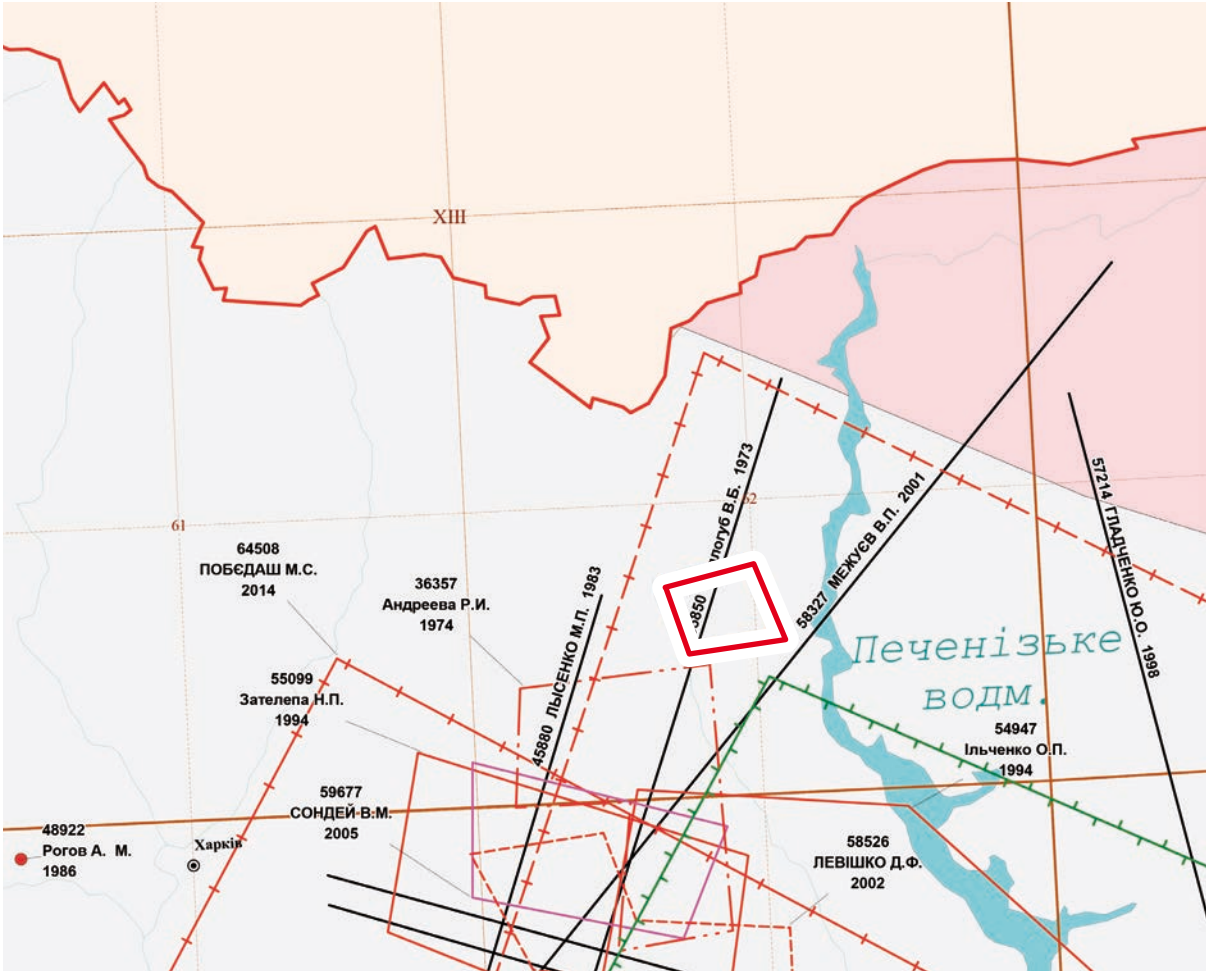
Stage II (12 months) – acquisition of 2D or 3D seismic data on 1/4 of the block's area

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



SALTIVSKA BLOCK



survey with no mapping

45860 report number

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1982 year of the report