

BLOCK 19

ROZDOLIVSKO-USPENIVSKA-1 LICENSE

LOCATION

Rozdolivsko-Uspenivska-1 block is located within Blyzniuky district of Kharkiv and Pavlohrad district of Dnipro regions. Acreage of the block is 271.15 sq. km.

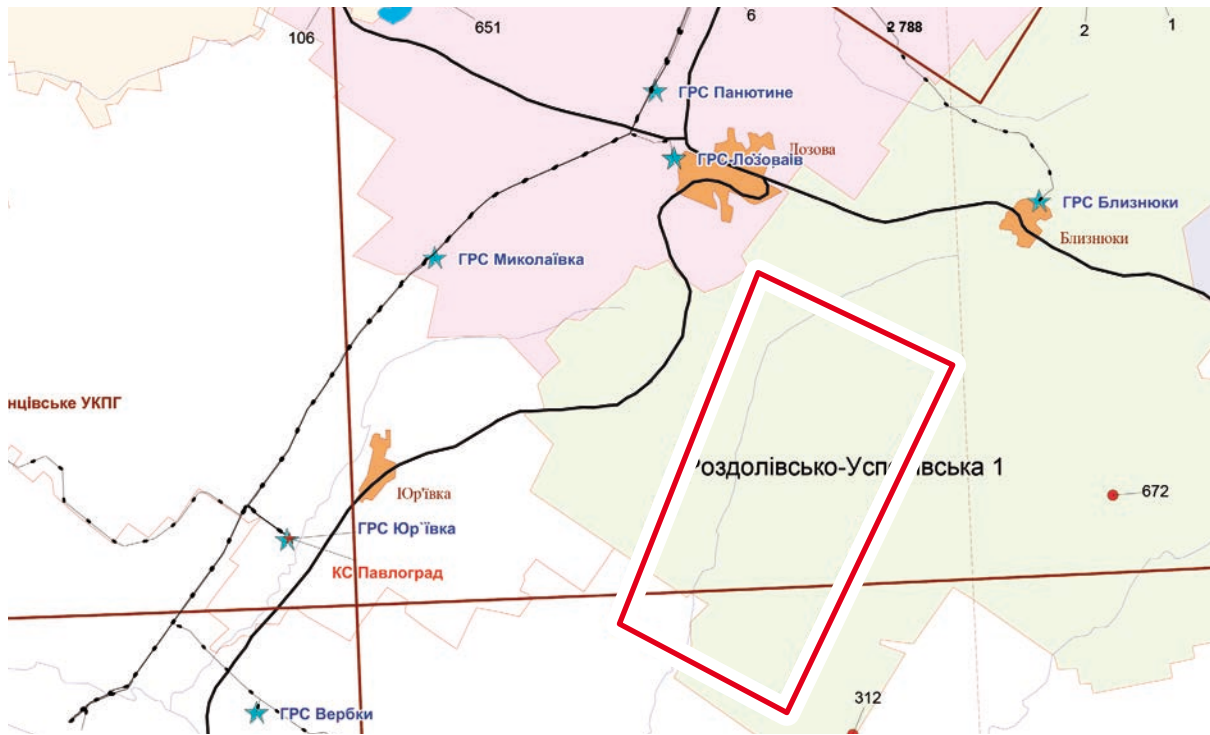
CONCESSION TYPE

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

DEPOSITS DISCOVERED IN THE AREA

Novosilkivske and Holubivske oil and gas fields.

Map of Rozdolivsko-Uspenivska-1 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	19	41.99	48	50	9.40	36	19	47.78	48	50	9.72
2	36	28	55.31	48	46	55.76	36	29	1.10	48	46	56.07
3	36	20	9.72	48	36	3.64	36	20	15.48	48	36	3.98
4	36	12	15.76	48	39	7.41	36	12	21.54	48	39	7.75

- well
- gas-distribution plant
- gas pipeline
- ROZDOLIVSKO-USPENIVSKA-1 BLOCK

GEOLOGICAL CHARACTERISTICS

The Osterska and Rozdolivska structures are partially located within the block. The structures are located in the south-eastern part of the Southern flank of the Dnipro-Donets depression within the Krutoyarska structural and tectonic zone.

The Osterska structure, which is partly located within Rozdolivsko-Uspenivska-1 was discovered by seismic exploration in 1993 and is a semi-anticline fold, the southern wing of which is concordant fault, the amplitude of which varies from 110 m to 50 m from west to east within the framework of the development of the structure that plays the role of the screen.

The Rozdolivska structure, which is partly located within the block was discovered by seismic surveys in Lower Carboniferous deposits.

SURVEY INFORMATION AVAILABLE

Assessment of hydrocarbon resources (Ukrainian classification)

The total inferred resources of the block is accounted as 1765 million m³ of gas. The Rozdolivska structure, which is partly located within the Rozdolivsko-Uspenivska-1 block is accounted for by the Fund of objects in the oil and gas regions of Ukraine as of January 1, 2018, with inferred resources (D1 category) in the amount of 1.83 billion m³ of gas.

Well data

Prospects are associated with the rocks of the lower Syrpukhovian (C-18) and upper Visean (B-14) horizons by the results of exploration drilling in the well No. 1-Kokhivska and similar to Novosilkivske (C-18) and Holubivske (horizon B-14) fields.

Seismic surveys

Year of surveys	Number of lines	Number of linear km	Fold
1990	6	84	24
1993	2	24,3	24
1994	2	9,1	24
1995	1	13,4	24
1999	1	3,7	24
2002	12	154,9	24
2003	2	20,7	24

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

