

BLOCK 14

OPOLONIVSKA 2 LICENSE

LOCATION

Opolonivska-2 block is located in Borzna, Ichnya and Bakhmach districts of Chernihiv region at a distance of 15 km southwest of Bakhmach city. Acreage of the block is 230,51 sq. km.

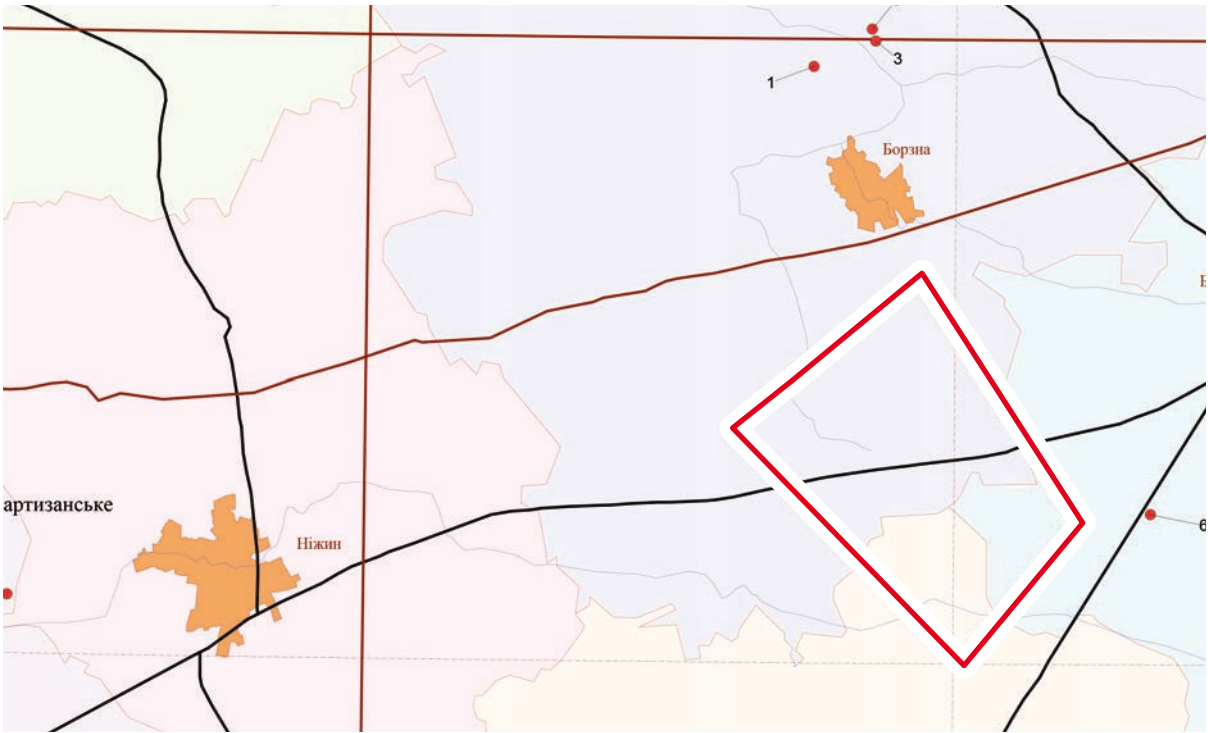
CONCESSION TYPE

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

DEPOSITS DISCOVERED IN THE AREA

Bakhmach oilfield with deposits in the Upper Visean stage is located in the proximity to the block in the northeastern direction. To the south-east of the block is located Sofivska oil field with deposits in the upper and lower Visean stage.

Map of Opolonivska 2 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	32	35	54.10	51	4	32.67	32	36	0.39	51	4	33.09
2	32	29	58.10	50	59	59.66	32	30	4.39	51	0	0.10
3	32	18	12.08	51	7	28.66	32	18	18.39	51	7	29.10
4	32	21	13.08	51	9	0.66	32	21	19.39	51	9	1.10
5	32	27	41.97	51	12	26.32	32	27	48.28	51	12	26.74

- well
- gas-distribution plant
- gas pipeline
- OPOLONIVSKA 2 BLOCK

GEOLOGICAL CHARACTERISTICS

In terms of oil and gas geological zoning, the block is located in the northern part of the Sofiivka and Monastyrshche petroleum regions of the Dnipro-Donets Basin.

SURVEY INFORMATION AVAILABLE

Assessment of hydrocarbon resources (Ukrainian classification)

Inferred oil resources (subcategory 334) within the Northern zone (Yershivska and Yelska structures) are 0,325 million tons, Southern (Perovska and Nizhna structures) - 0,26 million tons. Total estimation resources for Yershivska zone of structures is 0,585 million tons.

Well data

In the northern part of the block, on the southern slope of the Velykozahorivska salt-dome structure, in 1979-1980, a structural exploratory well No. 794 with a depth 2290 meters was drilled with no commercial results.

Three exploration wells were drilled in the southern part of the block: two were within the scopes of Ivanhorodska structure and one was located at Plyskivska structure. According to the results of the drilling, it was discovered that upper Devonian deposits are highly submerged.

In the Yershivska zone of sandstone reservoir rock in the lower part of the Visean stage, which had been first explored in 1985 by seismic exploration, the drilling has not been carried out.

Seismic surveys

On the territory of Opolonivska 2 block, seismic surveys have been carried out by the teams of the state enterprise Ukrgeofizyka No. 6-II / 76, 6/77, 6/78, 6/79, 6/85, 5/88, 5/92, 10/90.

Seismic surveys

Year of surveys	Number of lines	Number of linear km	Fold
1975	2	26,7	24
1976	10	212,75	24
1977	5	89,35	24
1978	7	129,32	24
1979	2	36,12	24
1982	1	15,7	48
1985	7	132,93	48
1988	1	13,5	48
1990	2	27,1	48
1992	8	82,45	48
2002	7	83,65	48

EXPLORATION WORK PROGRAM REQUIREMENTS

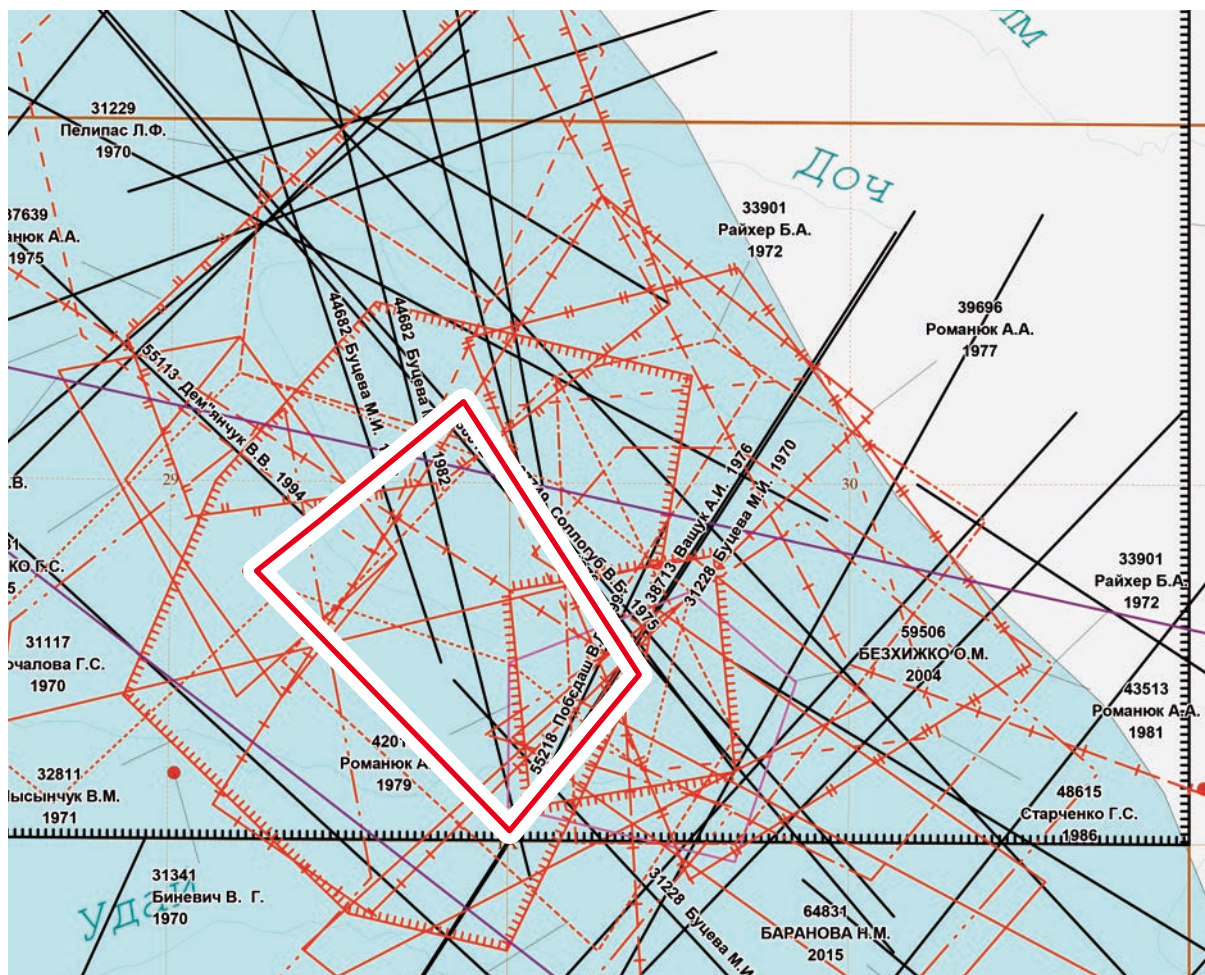
Stage I (12 months) - processing and reinterpretation of 2D seismic data;

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



OPOLONIVSKA 2
BLOCK



survey with no mapping

45860 report number

Рогов А.М. author of the report

1982 year of the report