

Yarmakivske

OIL FIELD

INVESTMENT PROJECT



2025

Yarmakivske Oil Field Overview

Location: Poltava region (Mirgorod, Velykobagachka)

Licensee: SOYUZ BUDRESURSY LLC

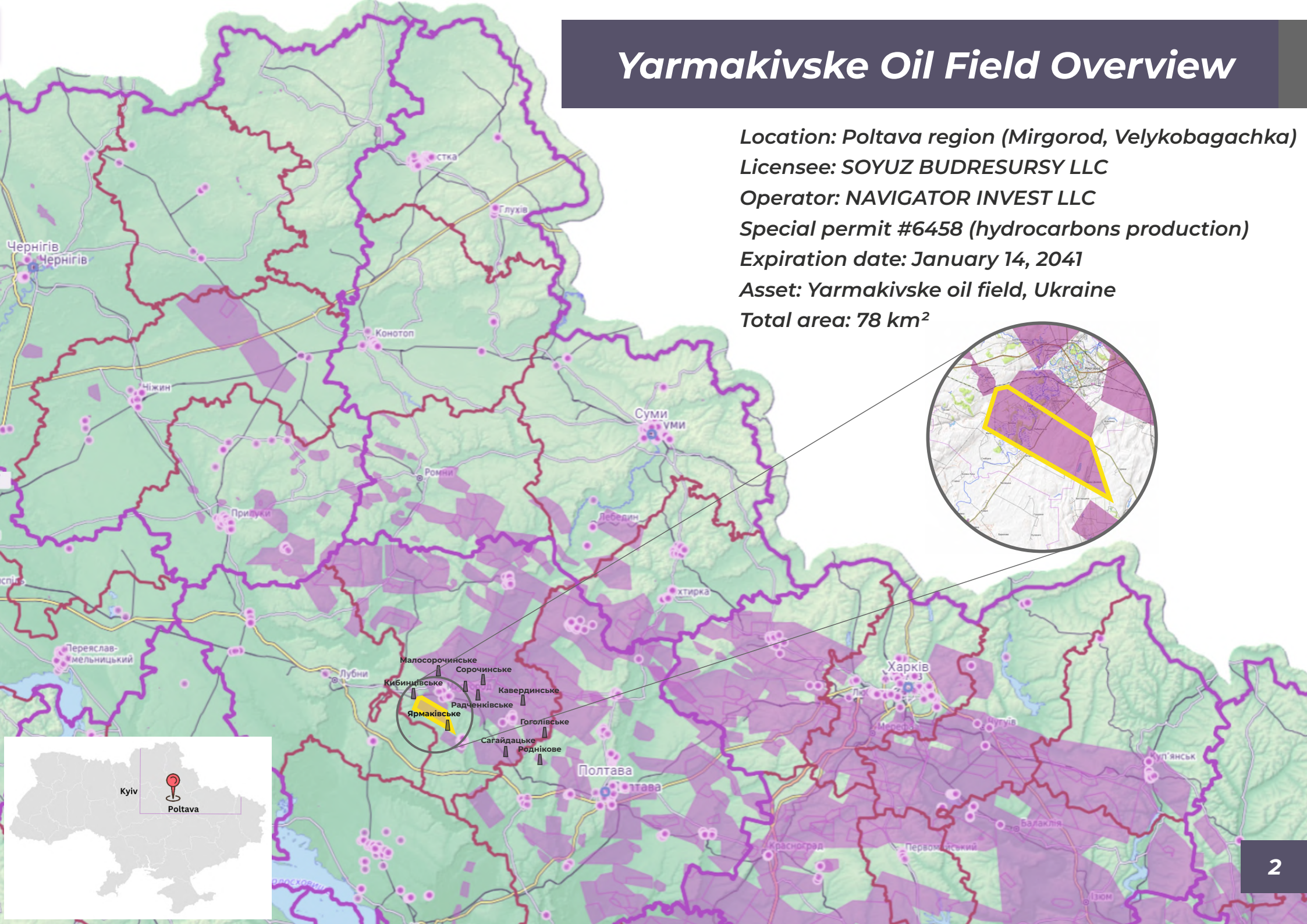
Operator: NAVIGATOR INVEST LLC

Special permit #6458 (hydrocarbons production)

Expiration date: January 14, 2041

Asset: Yarmakivske oil field, Ukraine

Total area: 78 km²



Yarmakivske Oil Field Overview

01 Producing wells



Well #2-Yarmakivska has a depth of 2,435 meters. It is currently operating in the productive horizons V-19. The well was in fountain operation mode until August 2024. At present, this well utilizes an artificial lift method, employing a downhole screw pump installed at a depth of 1,800 meters. The average oil production rate from this well is approx. 10 tons/day.

Well #5-Yarmakivska is underrepairing (horizon V-19).

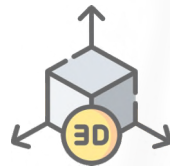
Drilling on well #10-Yarmakivska is in the process with a planned depth of 2,600 meters. The target horizons are D3fm, V-26, V-23, V-20, V-19, S-8, and B-8. The forecasted oil production rate is 10-15 tons/day.

02 Oil Processing Facility



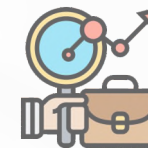
At well #2-Yarmakivska, an Oil Processing Facility was constructed to facilitate primary treatment, storage, and offloading of the produced products. The land usage rights were obtained. There were constructed two paved access roads for wells #2, 3, and 5. These roads span a total length of over 6 km. Additionally, power transmission lines were installed. Between 2020 and 2021, a comprehensive reconstruction project was carried out on the existing Oil Processing Facility. This involved the addition of new equipment such as a 3-phase separator, heat exchanger, and industrial electric heaters. Moreover, the tanks and pipelines were equipped with electric heating. Insulation and skinning were applied to the tanks, separators, and pipelines. Furthermore, a transformer in the package transformer substation was replaced. These improvements enabled the treatment of crude oil to meet commercial quality standards, with water content reduced to less than 1% and salt content maintained below 300 mg/l.

03 3D seismic survey



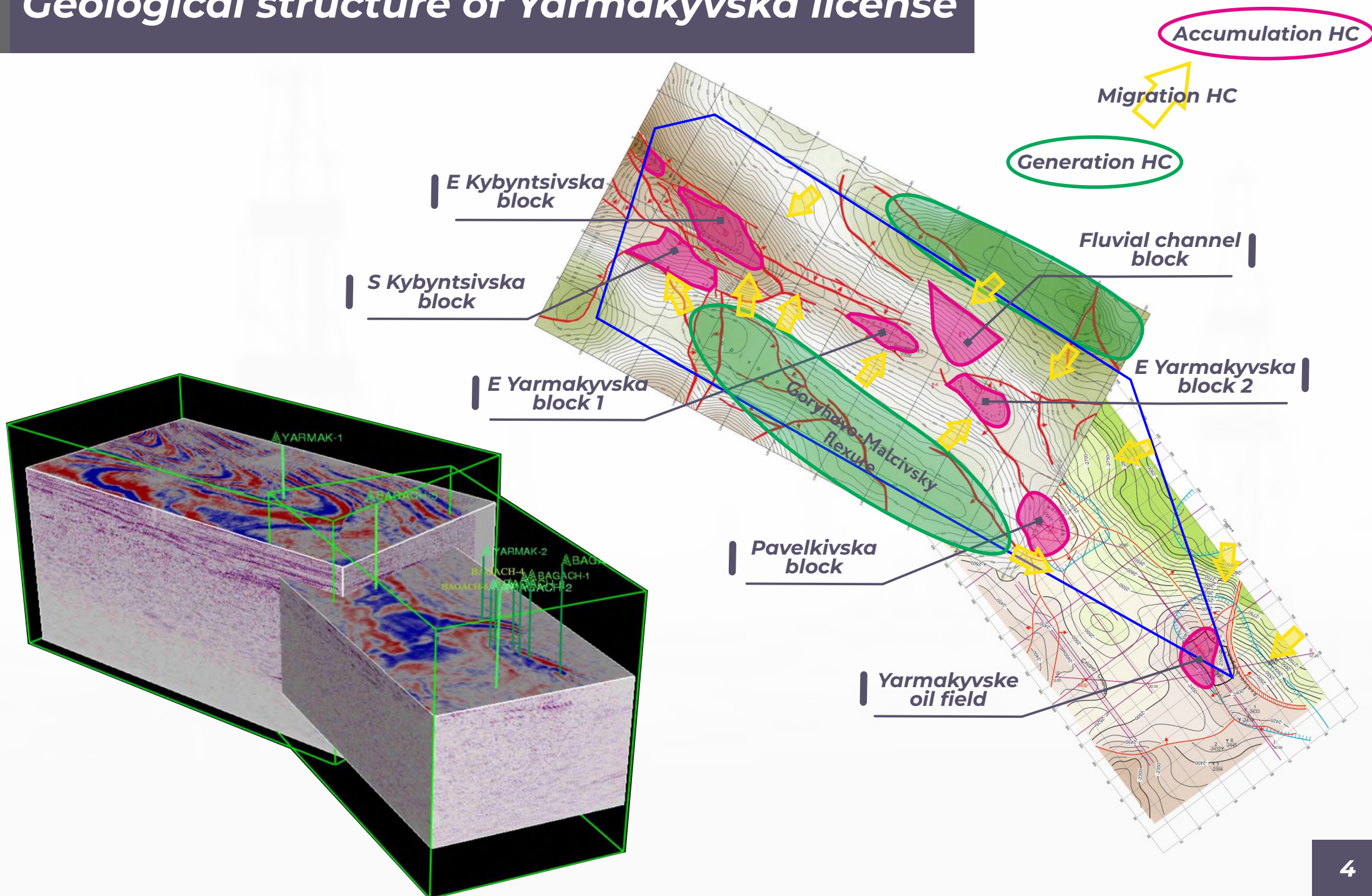
2012 thorough study and analysis of the Yarmakivska area geological features. 2013 specifically focused on the northwestern section of the Yarmakivska area. In 2024-2025, seismic information is reprocessed and the geologic model is being re-interpreted.

04 Prospective structures

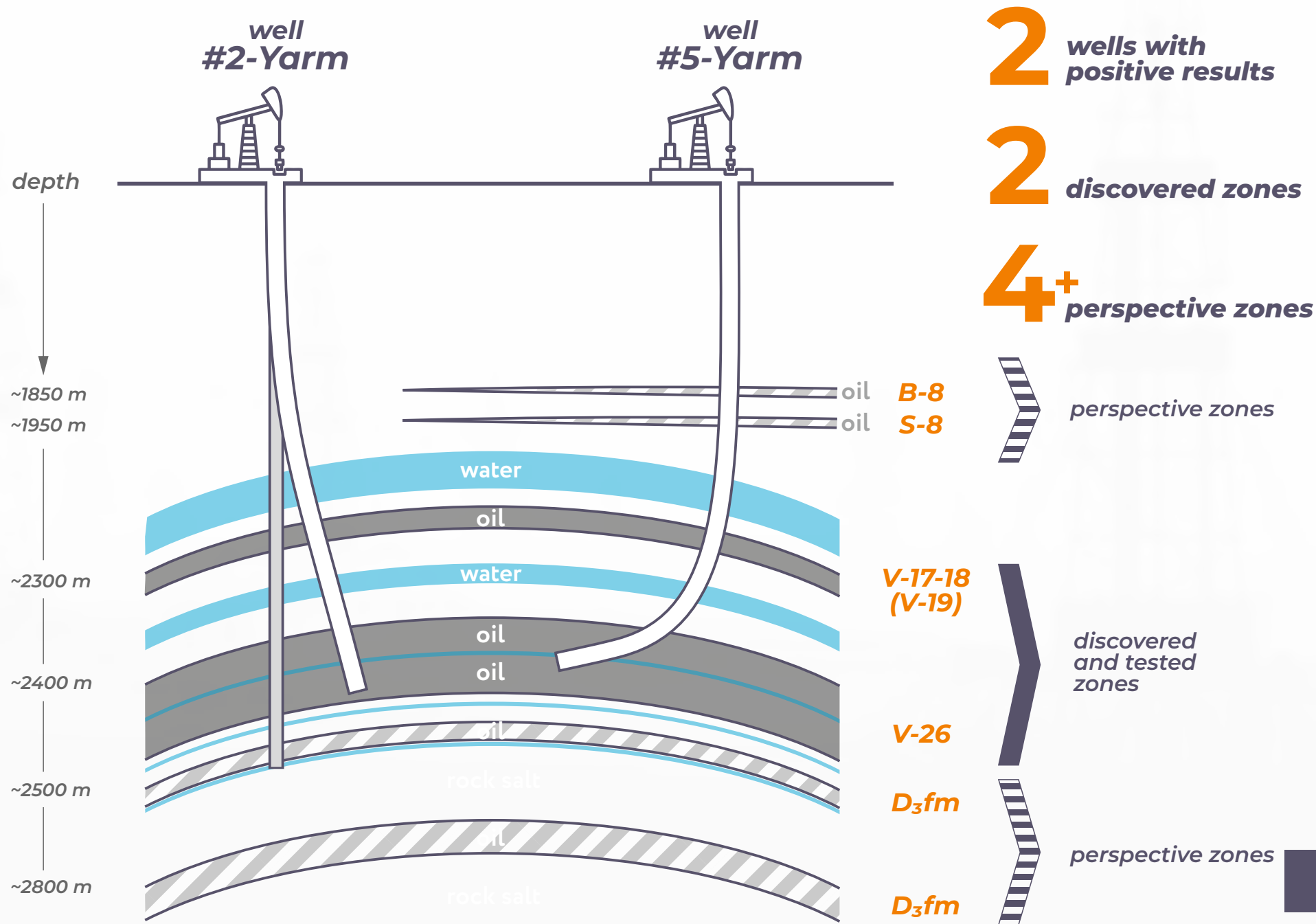


Interpretation of 3D seismic data revealed tectonically and lithologically limited traps of both anticlinal and non-anticlinal types within the Upper Devonian and Carboniferous sediments. The identified structures include 5 blocks with promising potential within a depth interval range 1,800 – 3,800 m. It is also possible to identify new structures and lithological traps based on the results of re-interpretation of seismic data.

Geological structure of Yarmakyvska license



Geological structure of Yarmakivske oil field



Reserves / Prospective resources

Reserves

In 2024, work was carried out within the licensed area to assess hydrocarbon reserves at the State Commission on Mineral Reserves of Ukraine.

Reserves were updated using the material balance method for formations V-26 and V-19 of the Yarmakivske oil field.

Additionally, interpretation and re-interpretation of well logging data within the licensed area were conducted, which led to the identification of perspective new productive formations.

	Reserves		Contingent resources
FIELD / STRUCTURE	111+221+122+222 th tons	332 th tons	333 th tons
Yarmakivske oil field (well #2, 5-Y) Pavelkivska (well #3-Y, #5-Vb) Kybyntsiivska (well #16-Kyb)	582	795	2510
Total	~3887		

Prospective resources

STRUCTURE	1U (low) th tons	2U (best) th tons	3U (high) th tons
Total	1189	1906	3028
South Kybyntsiivska	357	533	794
East Kybyntsiivska	386	632	1018
E Yarmakivska block1	30	42	57
E Yarmakivska block2	155	242	374
Fluvial channel block	261	457	785

Contact details

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