

The Razumovske deposit is located 40 km to the south-east of the city of poltava, in the southern marginal part of the Dnieper graben.

The rock sequence of the deposit is manifested by rocks from Lower Cretaceous to Quaternary.

Gas accumulations are confined to the structure covering a 3.5x1.5 km area within the contour lines- 4800 m (eastern block), -5300 m (western block) and- 5500 m (northern block).

Commercial gas accumulations are discovered in the lithologically screened deposits of the Middle and Upper Carboniferous occurring at the depths from 2190 to 4025 m.

Natural gas contains (in percent): methane (89.4). ethane (5.5) propane (2.1). buthane (0.63), condensate (2.3), helium (0.07).

The deposit has a yield of 20 - 190 thousand cubic meters of gas a day.

Probable reserves are estimated as 3110 million cubic meters of gas. Reserves of condensate and helium have not been estimated.

Two zones of invading waters are found in the deposit. Carbonate waters of the Cenozoic beds are widely used for drink water supply.

Chloride and calcium chloride waters occurring in lower Mesozoic and Paleozoic sediments have mineralization varying from 5 - 10g/l near the surface to 200-240 g/l at the depth.

The region has a well-developed infrastructure. In the vicinity there are a gas pipeline, high-voltage power supply system, railway station, and highway 6, 3, 15 and 25 km from deposit, respectively.

Drink water supply will be governed by water hole drilling.

The permit for deposit exploration will be received from local administration in due time.

There is no problem with manpower. Besides investments foreign owners may provide required machinery and equipment for liquefaction and processing of gas, casing, tubing strings, etc.

To minimize man's effect upon the environment protective measures should be taken which include control of the machinery and equipment sealing, sampling of gas that prevents its release into the atmosphere, utilization and burial of waste waters, recultivation of the terrane.

Top quality of gas, favourable geographical and economic location, relatively small depths of gas accumulations, great demand for gas at domestic and foreign markets guarantee success of the venture.