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### **Factors of Ecological Disaster on Kerch Peninsula**

Such structures as Chongoletsk, near Lake of Tobechitsk, Choreletsk anticline situated on the south-west of the peninsula, Borzovsk brachyanticline to the north-east from Kerch are quite potential as for oil and gas bearing on Kerch peninsula. North-east part of Uzunlar structure being situated near Chongeletsk and Choreletsk folds is especially potential as for oil and gas bearing.

Exploration drilling within Kerch peninsula has established the oil bearing and gas bearing of the whole section from the upper parts of Miocene up to Aptian included.

Apart from oil field with commercial oil deposits the whole range of areas has shown intensive oil and gas blowouts while drilling boreholes up to wild blowing of oil and gas.

Almost all deposits are characterizes by high formation phenomena: it is twice more than the hydrostatic one within Moshkaryov area.

It should be noted that apart from oil and gas blowouts while drilling, all the boreholes being drilled in different periods of time and to different beds are carbonating now as well. Carbonating can be detected not only in artificial workings. Up to now active mud volcanoes in which gas is emitted can be found within Kerch peninsula.

Oil is extracted in the Crimea constantly at the same level as during the previous year: 7.3 thousand tons while condensate production has increased by 6.8% (up to 42.3 thousand tons) comparing to the similar period of last year (39.6 thousand tons).

There has been almost no works for oil spill response and soil cleanup recently. That is why Kerch peninsula has turned to be on the verge of ecological disaster. Oil has been flowing to soil out of abandoned wells for years destroying all the living organisms in the neighborhood.

The situation with oil spills with the following territory pollution is characterized as the one generating the conditions for developing geocological disaster.