Thematic Section: Physicochemical Research. **Short Communication** Subsection: Petrochemistry. Registration Code of Publication: 14-40-12-117 The article is published on the materials of report presented at the "International Scientific Forum Butlerov Heritage - 2015". http://foundation.butlerov.com/bh-2015/ (English Preprint)

Contributed: December 26, 2014.

Methods of extracting thermal bitumen from oil shale deposit Kotsebinsk

© Svetlana B. Romadenkina, and EvgenvV. Lobankov

Saratov State University named after N.G. Chernvshevsky. Institute of Chemistry. Department of Petrochemistry and Technological Security. Astrahanskaya St., 83. Saratov, 410012. Russia. Phone: +7 (917) 217-08-11. E-mail: romadenkina@yandex.ru

*Supervising author; ⁺Corresponding author

Keywords: oil shale, asphalt concrete, thermal bitumen, methods of extraction.

Abstract

Two methods of extracting liquid thermobitumen from oil shale deposits Kotsebinsk were developed. Resulting liquid thermobitumen can be used in road construction as an astringent element in asphalt concrete with the purpose of improving the adhesive properties of the substrate.