**Catalytic Hydrogenation of Oil Sand’s Natural Bitumen**

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**Abstract.** In the paper catalytic hydrogenation of natural bitumen (NB) of Kazakhstan oil sands were investigated. The process provided under 350 bar of H2 pressure and a temperature of 430 °C. At the experiment activated carbon supported catalyst was used. It has 699.807 m2/g of surface area and 0.0635 nm of medium pore size. In the processes the yield of hydrogenated natural bitumen was 91%, including 1st fraction is 13.12 wt.%; yield of 2nd fraction increased, that the temperature range from 216 to 316 °С formed in amount of 45.68 wt.%; vacuum residue of the distillation takes the 41.20 wt.% in natural bitumen.