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| <p>1. Project Name 1.4.7 Research for Treatment Technology of Produced Water Containing Soluble Organic Matters and Heavy Metals (Iraq)</p> |
| <p>2. Objectives The treatment methods and the options of reusing produced waters generated along with natural oil and gas, is a topic that is anticipated to be widely debated around the world. Although there are many attempts for the technological development of a method to eliminate chemical contaminants in produced waters, a system that is financially cheap, with a capacity to process large amounts of water has not yet been developed.</p> |
| <p>3. Contents This project aims to investigate both the existing and the latest technological methods to process produced water containing substances relatively difficult to remove, such as the water soluble organic matter, as well as heavy metals to a dischargeable quality, in addition to the collection of basic information regarding this type of research. Also, a demonstrative experiment was done indoors using actual produced water in order to confirm the effects of the investigated technological methods. An analytical investigation was done in 2011 after the obtainment of a few types of produced water domestically. Also, as a process of elimination for the produced water that will be used, the evaluation of 5 different treatment technologies was done by the indoor experimentation. This project is run by the outsourcing by Petroleum and Natural Gas, and Japan Oil, Gas and Metals National Corporation (JOGMEC).</p> |
| <p>4. Results</p> |
| <p>5. Reference Petroleum and Natural Gas, Japan Oil, Gas and Metals National Corporation (JOGMEC).</p> |