

National Improved Recovery Program IOR in Libya

Dr. Bourima Belgasem

Libya Petroleum Institute, P.O. Box 6431, Tripoli, Libya

e-mail: bourima@lpilibya.org

1. Introduction

Libya possesses a huge petroleum industry, which is the base of economy. Proven oil reserves are sufficient for further 35 years of production with the present conventional recovery techniques. Improved oil recovery (IOR) methods may double the production period.

A research and development National Program for IOR has to be started now to create conditions for successful implementation of new recovery techniques and to facilitate common technical background for international participation.

2. Key Features

The IOR program is aimed at covering the following areas:

- Better recognition of reservoir characteristics of Libyan oil fields
- Study of available improved oil recovery techniques and their adaptation to the Libyan geological and economical conditions
- Upgrading the technical equipment and knowledge of the expert's participating in the IOR National Program to up-to date international levels

3. Conclusions

The IOR National Program is planned to be accomplished by a joint effort of a national partner, (NOC, LPI...) and interested international partners (E & P Companies). These partners should set up an organization, allocate budget and provide facilities and human resources needed for the execution of the program within the necessary time domain.