



**Research and production
association
"MOG"**

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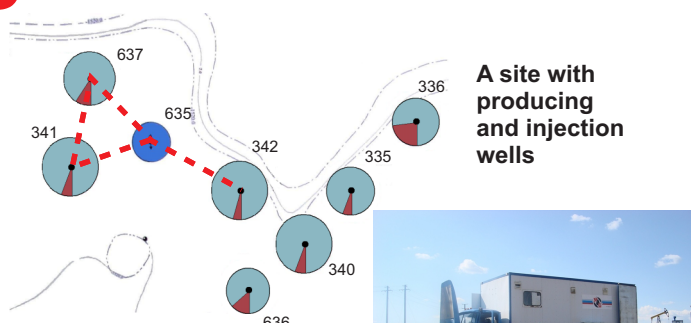
Technology POLY-M

Alignment of the pickup profile in injection wells using crosslinked polymer systems in terrigenous reservoirs.

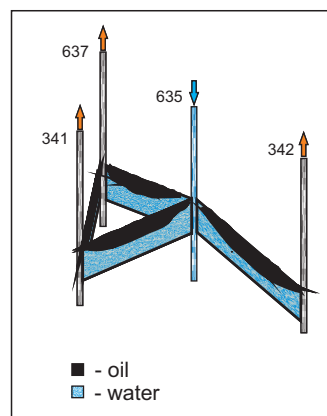
The technology is aimed at increasing the current and final values of the oil recovery coefficient due to the redistribution of filtration flows due to the penetration of compositions into the reservoir.

This leads to:

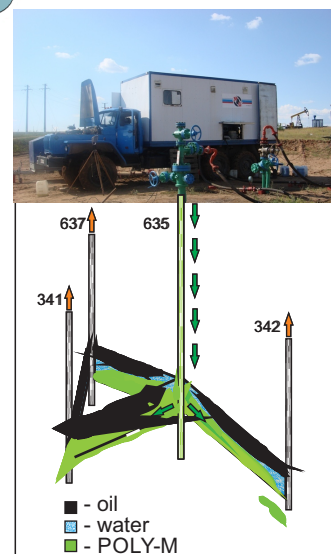
- to contain the breakthrough of injected waters into producing wells;
- to stabilize or reduce waterlogging production of surrounding production wells;
- to involve in the development of hard-to-recover oil reserves from areas with reduced permeability;
- to increase oil production.



**A site with
producing
and injection
wells**



Before processing

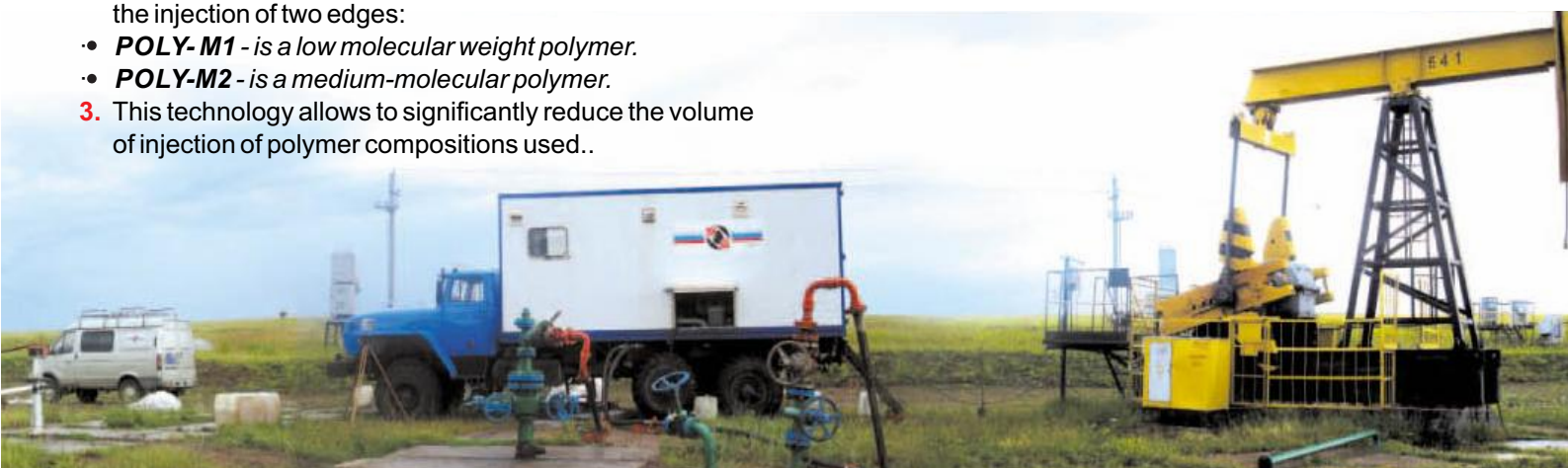


After processing



Feature of the technology

1. The technological process is carried out continuously by the installation of self-made units.
2. The applied POLY-M technology is based on the injection of two edges:
 - **POLY-M1** - is a low molecular weight polymer.
 - **POLY-M2** - is a medium-molecular polymer.
3. This technology allows to significantly reduce the volume of injection of polymer compositions used..



The control and monitoring system of the installation allows the preparation and injection of compositions in semi-automatic and manual modes