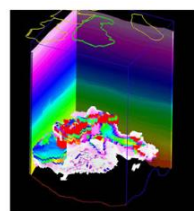
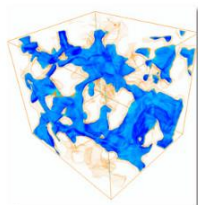


EOR Workshop 2022
(5th edition)

Towards a golden age at last?

19-21 September 2022
IFP Energies nouvelles, Rueil-Malmaison, France

PROGRAM



Monday 19 September

08:15 *Welcome desk open*

09:00 **Welcome and Introduction** (IFP Energies nouvelles)

SESSION 1: FIELD APPLICATIONS & DEVELOPMENT SCENARIOS FOR POLYMER FLOODING

09:15 **Polymer flooding in the Tambaredjo heavy oilfield: From pilot to commercial expansion**
Kathleen Moe Soe Let* (Staatsolie)

09:45 **Polymer journey in PDO**
Hanaa Al Sulaimani*, Samya Al-Farsi* (PDO)

10:15 **Polymer flooding in high temperature, high salinity and high hardness reservoir: Polymer selection, extended field injectivity test and derisking strategy**
Roberto Ariel Lucero, Juan Juri*, Emiliano Lenzano, Gerardo Tennerini (YPF)

10:45 *Coffee break*

11:15 **Viscous oil polymer flood Milne Point field case history concept to full field implementation**
Reid Edwards*, Almas Aitkulov, Connor Redwine, Katherine Cunha (Hilcorp Alaska)

11:45 **Design of in-depth conformance treatment in Mangala under polymer flood**
Stephan Bellin*, Joyjit Das, Ritesh Kumar, Sunit Shekhar, Abaan Ahmed, Alok Kumar, Gaurav Sharma, Suresh Kumar, Brian Horn (Cairn Oil & Gas – Vedanta LTD), Jerome Bouillot, German Rossi, Nicolas Gaillard, Nazanine Salehi et Alain Zaitoun (Poweltec)

12:15 **Polymer flood expansion from pilot to full field**
Olivier Garnier*, Stéphane Jouenne, Catherine Prinnet, Philippe Cordelier (TotalEnergies)

12:45 *Lunch*

14:30 *IFP Energies nouvelles labs visit*

17:00 End of day 1

Tuesday 20 September

08:30 *Welcome desk open*

SESSION 2: OPERATIONAL CHALLENGES FOR POLYMER FLOODING

09:00 **Screening of topside challenges related to polymer presence in the back produced fluids – Casabe case study**

Aurélie Mouret, Christian Blazquez-Egea*, Isabelle Hénaut, Cyril Jernmann (IFP Energies nouvelles), Mathieu Salaun (Solvay), Henderson Quintero, Mauricio Gutierrez, Tito Acosta, Robinson Jimenez, Nadine Vargas (Ecopetrol)

09:30 **Operational challenges on large scale deployment of polymer injection**

Olivier Garnier*, Ke Wang, Stéphane Jouenne, Catherine Prinnet, Philippe Cordelier (TotalEnergies)

10:00 **In-situ sampling for determining polymer performance in reservoir and evaluation of ATBS polymers for Mangala polymer flood**

Sunit Shekhar*, Vivek Shankar, Abhishek Kumar Gupta, Suresh Kumar, Ritesh Kumar (Cairn Oil & Gas – Vedanta LTD)

10:30 *Coffee break*

11:00 **Polymer fouling during production and top-side processing – formation and mitigation**

Jens Bragdø Smith*, Erling Notto Halvorsen, Kristin Reiersølmoen, Patrick Müller (Equinor)

11:30 **Polymer injectivity assessment for horizontal wells**

Maria-Magdalena Chiotoroiu, Torsten Clemens, Alyssia Janczak* (OMV), Jongsoo Hwang, Mukul Sharma (University of Texas)

12:00 **Recent performance and learnings from the offshore chemical EOR polymerflood at Captain**

Geoffrey Johnson* (Ithaca Energy Limited)

12:30 *Lunch*

SESSION 3: MAKING SURFACTANT BASED FLOODING A REALITY IN THE FIELD (I)

14:00 **Application of SWCT tests for the estimation of residual oil saturation for the implementation of chemical EOR processes on the Hassi Messaoud Field, Algeria**

Maâmar Djarir* (Sonatrach/PED), Farouk Selmi (Sonatrach/PED), Thierry Le Maux (Beicip Franlab)

14:30 **ASP deployment in PDO**

Dawood Mahruqi, Hanaa Al Sulaimani*, Samya Al-Farsi* (PDO)

15:00 *Coffee break*

15:30 **Overview of Canadian Chemical Floods**

Dalbir Deo* (Crescent Point Energy)

16.00 **Lessons from a decade of CEOR projects in Colombia (online)**

Jaime Jimenez* (Ecopetrol)

16:30 **The use of surfactants with nanos for CEOR in Colombia: Principles and applications (online)**

Jaime Jimenez* (Ecopetrol)

17:30 Group photo

18:30 *Bus departure from IFP Energies Nouvelles to Paris for the Workshop dinner*

19:30 *Cruise-dinner on the Seine river*

Wednesday 21 September

08:30 *Welcome desk open*

SESSION 4: EOR SUSTAINABLE DEVELOPMENT STRATEGIES

09:00 **Advanced reservoir monitoring technologies for IOR/EOR: An overview**

Abdulaziz Al-Qasim*, Saleh Hassan, Sunil Kokal (Saudi Aramco)

09:30 **SmartWater flooding pilot in carbonate reservoirs: Design and implementation**

Mohammed Otaibi*, Moataz Abu-ALSaud (Saudi Aramco)

10:00 *Coffee break*

10:30 **Potential & development of cEOR in Argentina: Opportunities and challenges**

José Luis Massaferro* (YPF)

11:00 **The role of IOR/EOR technologies in a sustainable future: Putting things in perspective**

Saleh Hassan*, Mohanad Fahmi, Abdulkareem AlSofi (Saudi Aramco)

11:30 **Towards sustainable oil production: CO₂ footprint assessment of chemical EOR processes**

Eric Delamaide* (IFP Canada), Marie Goavec, Mikel Morvan, Mathieu Salaun (Solvay), David Rousseau (IFP Energies nouvelles)

12:00 *Lunch*

SESSION 5: MAKING SURFACTANT BASED FLOODING A REALITY IN THE FIELD (II)

13:30 **Evaluating the impact of reservoir cooling on the surfactant flood efficiency**

Amir Soltani* (Beicip-Franlab), Benoît Decroux (Beicip-Franlab), Andres Negre (Beicip-Franlab), Thierry Lemaux (Beicip-Franlab), Maâmar Djarir (Sonatrach), Farouk Selmi (Sonatrach), Martin Lantoine (Beicip-Franlab)

14:00 **Requirements for commercial scale surfactant based EOR implementation**

Diederik van Batenburg* (Shell Global Solutions International BV)

14:30 *Coffee break*

15:00 **Preparation for alkali polymer injection in Austria and Romania**

Rafael E. Hincapie, Ante Borovina, Torsten Clemens, Alyssia Janczak* (OMV)

15:30 **Field case study: successful implementation of ASP flood in the instow unit in Western Canada**

Dalbir Deo* (Crescent Point Energy)

16:00 **Conclusions – End of the Workshop**

16:30 *Farewell coffee*

* *presenting author*