# **ENERPROGROUP**

An Integrated EOR Technologies Company







### **Select Clients:**

- PT. Pertamina (Persero) Upstream
- PT. PHE Offshore North West Java
- PT. PHE West Madura Offshore
- PT. PHE OSES
- PT. Pertamina EP
- PT. Pertamina Hulu Rokan
- PT. Pertamina Hulu Indonesia
- PT. Pertamina Hulu Mahakam
- PT. Energi Mega Persada
- PT. RH PetroGas Indonesia
- PT. Bumi Siak Pusako-BOB PHE
- PT. PP Energi
- MedcoEnergi
- Brunei Shell Petroleum Sdn. Bhd.
- Petroliam Nasional Berhad
- Chevron
- Cairn Oil & Gas
- **Devon Energy**
- Anadarko Petroleum Corporation Petroleum Development Oman Kuwait Oil Company
- Ruwalt On Company
- Abu Dhabi National Oil Company Yemen Oil & Gas Corporation

Proven Production Enhancement Technologies backed by Global Experience, Expertise and Excellence in the Successful Implementations of EOR Pilot and Full-Scale (i.e.: Steamflood, Chemical EOR Injection, CO<sub>2</sub> Flooding) at the World's Most Challenging Yet Prolific Mature Oilfields.

ENERPROGROUP is an Integrated EOR technologies Leader with extensive experience in IOR/EOR Technical Advisory, EOR Lab. Services, Advanced Reservoir Diagnostics and Project Engineering Development. At present, we have pervasive ecosystems (under agreements) with chemical manufacturers of C-EOR solutions.

Our guiding purpose is to help our oil & gas client-operator sustain profitable growth. In fact, we have been leading the "One Team" to assist them in their pursuit of tertiary oil recovery strategies and actionable EOR full-field implementations. We do this by focusing on the commercial implementation of advanced EOR technologies worldwide, amplifying production, increasing proven development reserves, reducing water cut and ultimately helping our clients achieve maximum Return On Investment.

With over one billion barrels of discovered oil still in the ground, ENERPROGROUP leverages our oilfield-tested expertise in subsurface analyses and low-cost structure to unlock types of reservoirs deep beneath the country's historic, oil-rich landscape.

We are focused on increasing oil recovery from existing mature oilfields by utilizing the American ingenuity in C-EOR technologies (i.e.: Alkaline/Surfactant/Polymer) and innovation (i.e.: fully-customizable chemical cocktails) to decipher each reservoir's unique geologic and chemical make-up, thereby de-risking the plan of re-development and improving clients' marginal potential to maximum profit.

Today, our regional head offices (Houston and Jakarta) have in-house teams of global EOR experts and Geology-Geophysics-Reservoir-Production-Facilities (GGRPF) engineers. We are relentlessly committed to serving oil & gas client-operators and the communities with the highest ethical standards and genuine regard for corporate social responsibility.



### ENERPROGROUP LLC

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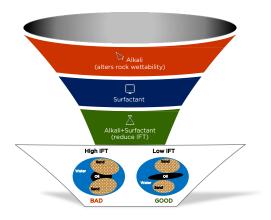
### Partnership of The "World's EOR Experts"

ENERPROGROUP has forged strategic partnerships with Ultimate EOR Services ("UEORS"; a commercial spin-off of the Petroleum Engineering R&D Department of The University of Texas at Austin, U.S.A.), ResMetrics (a Pan-American leader in advanced tracer diagnostics) and specialty chemical suppliers to deliver an integrated excellence in different combinations – from chemical solutions and oilfield applications of C-EOR flooding technology to custom cocktails formulation (chemical synthesis and molecular modelling) to chemical tracers and blending facilities:

- We bring the highest-performing EOR and GGRPF teams, working in inclusive, geographically borderless teams to bring diverse and proven technical EOR perspectives and move quickly to actions and quantifiable results.
- ▶ Our Team speaks English, Spanish, Indonesian, Arabic, Farsi, Hindi, Chinese and Japanese.
- ▶ We strive to bring exceptional client service by being technically responsive and insightful, sharing our knowledge and globally-proven EOR experiences, expertise and excellence.

Building trust, delivering cutting-edge EOR innovations and enriching relationships are our mindset and culture. This is what differentiates ENERPROGROUP in the world and is how we help our oil & gas clients-operators increase recovery factor and achieve sustained profitable growth.





## Our Strategy

Our strategy in Chemical EOR ("C-EOR") is to create the custom chemical cocktails' solutions (of high purity and low cost) for revitalizing oil production in mature and pressure-depleted oilfields worldwide.

At present, we remain the global leader at the forefront of EOR technologies (in pilot/full-fields implementation in our chosen markets) to solve even the client's most difficult reservoir challenges.

ENERPROGROUP's reservoir success in EOR is based on bringing to the table the sub-/surface capabilities that surround the incremental recovery processes – technical capabilities in reservoir characterization, flood-front monitoring, expert interpretation, advanced modelling and management, field development planning (FDP) and the management of surface facilities and their interconnections.

# Our Integrated Services

### ADVANCED RESERVOIR ENGINEERING

- EOR Field Design and Evaluation
- EOR Screening Studies
- Risk Management and Uncertainty Analysis
- Reservoir Evaluation
- Reservoir Performance Monitoring
- EOR Field History Matching

### TRACER DIAGNOSTICS (SINGLE WELL & INTER WELL)

- Tracer Screening and Calibration
- Tracer Injection Automatic Flow-Metering
- iPhone/Android Sampling App
- High Performance Analytical Lab
- PetroXY Web App for Tracer Data Interpretation
- Cloud Data Delivery

### PILOT DESIGN

- Pilot Project Design
- Zone Selection
- Detailed Injection Scheme
- Performance Metrics and Troubleshooting
- Evaluation of General Pilot Approach
- Data Collection/Sampling

### FIELD SUPPORT

- EOR Facility Design and Evaluation
- Quality Control and On-Site Testing
- C-EOR Procurement
- C-EOR Solutions Aggregator and Logistics
- Fluid Separation and Emulsion Handling





Why We Are the only "PROVEN EOR LEADER"?

 Partnered with UEORS, ResMetrics and global C-EOR manufacturers (undisclosed) to provide integrated services from EOR Lab, Chemical Tracers, Subsurface Analysis and supplies of custom C-EOR cocktails' in FIVE (5) EOR Pilot/Full-Scale;



- A catalyst for the step-change in bespoke oil production recovery;
- Faster, safer and more effective development (included custom cocktails' formulations, i.e..: chemical synthesis and molecular blending);
- Proven and cost-effective EOR technologies and solutions (of high purity + high powered + low cost) and better risk control;
- Rapid EOR deployments at Scale and Economies of Speed.

