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## TOP RECENT NEWS

### ProSep to supply membrane equipment for Texas EOR activities

ProSep will supply a \$3.5 million CO<sub>2</sub> gas separation membrane system to an independent American oil and gas producer. The equipment is designed to reduce the CO<sub>2</sub> content in natural gas (associated with EOR oil production) from 94% to below 10%.  
[See product information](#) • [See press release](#)

[Email a gas membrane expert](#)

### ProSep to supply TORR™ produced water treatment system to Southeast Asian producer

ProSep was awarded a contract to supply a 13,000 barrel per day (BPD) TORR™ proprietary produced water treatment system to a major oil and gas producer, for installation on an offshore processing platform in South East Asia. This best-in-class polishing solution efficiently removes small particles of oil contaminants from produced water, allowing oil and gas companies to meet very strict specifications for reinjection or regulatory requirements for overboard discharge.  
[See product information](#) • [See press release](#)

[Email a TORR™ expert](#)

### ProSep adds Ecopetrol to its list of clients

ProSep will supply a \$13 million CO<sub>2</sub> gas separation membrane package to Ecopetrol S.A., Colombia's state-owned oil and gas exploration and production company. The system is designed to provide treatment capacity ranging 164-252 MMscfd inlet and 140-210 MMscfd outlet at less than 1.9% CO<sub>2</sub>. ProSep gas membranes are a cost-effective, environmentally friendly alternative to solvent-based treatment systems.  
[See product information](#) • [See press release](#)

[Email a gas membrane expert](#)

### ProSep's high efficiency proprietary mixing technology will be used by BP, Conoco Phillips and Maersk

ProSep will supply a ProSalt mixer system for ConocoPhillips' Wilhelmshaven refinery, one of Europe's largest oil refineries, on the North Sea coast of Germany. The ProSalt will optimize flow conditions by improving injection and mixing of wash-water and facilitating the existing crude desalting process. ProSep will also supply ProScav injection mixers for BP Norge AS and Maersk Olie og Gas AS operated offshore production facilities to optimize removal of H<sub>2</sub>S from natural gas.  
[See product information](#) • [See press release](#)

[Email a ProPure mixer expert](#)

## A Letter From the President & CEO

Dear Customers and Partners,

This year will be an exciting year for us as we continue to expand our product offering and take advantage of our doubled production capacity with our recently opened Houston-based fabrication and assembly facility.

In 2010, we will be introducing two new products currently in their final stages of development: [ProDry](#), a cutting-edge compact, lightweight gas dehydration system ideal for offshore and subsea gas separation activities, and a new produced water treatment system utilizing [Sorbifloc](#), an eco-friendly flocculant capable of removing high degrees of hydrocarbons and heavy metals from produced water for reinjection or overboard discharge.

We also hope to obtain from Saudi Aramco official qualification of two of our proprietary technologies: ProMix, a high-efficiency mixing system that can significantly reduce consumption of emulsifier, and the TORR™ system, a produced water polishing technology that efficiently removes small particles of dispersed and dissolved oil contaminants.

I look forward to our continued collaboration. Wishing you all the best for 2010.

**Jacques L. Drouin**  
President and CEO

## NEWS BRIEFS

**ProSep's award-winning mixing valve optimizes Saudi Aramco**

## ProPure develops cutting-edge gas dehydration technology in collaboration with Total, StatoilHydro and ConocoPhillips

ProPure, ProSep's Norwegian business unit, is in the final stages of developing ProDry, an innovative, lightweight and compact gas dehydration technology that efficiently mixes glycol into high-pressure gas for dehydration. This Joint Industry Project is being carried out to assess the potential of the ProDry technology for subsea treatment and separation.

[See product information](#) • [See press release](#)

[Email a ProDry mixer expert](#)

## PROJECT UPDATES

### Kuwait Oil Company Crude Production Train Scheduled to Start Up in Early 2010

ProSep shipped the Processes Unlimited / Al Rashed / Kuwait Oil Company Early Production Facility 120 MBPD crude production train, consisting of inlet separators, cabin heaters, dehydrators, desalters and associated pump and control skids. This train is scheduled to start up and commission in March 2010.



### ProSep Ships Gas Membrane Skid to Whiting Wickett

ProSep completed and shipped a 24-tube CO2 membrane skid to Whiting Petroleum Company's Wickett Train 1. This membrane skid will be commissioned in early 2010.



### ProSep Ships Two Systems for Petronas Offshore Gas Platforms

- A fuel gas package designed to treat 15MMSCFD of fuel gas was shipped during Q4 2009 for installation at PETRONAS Carigali Sdn Bhd's Tangga Barat Central Processing Platform located offshore Peninsular Malaysia
- A fuel gas conditioning and seal gas conditioning skids were shipped during Q4 2009 to be used at Petronas Carigali's Dulang offshore "Compressed Gas Capacity Enhancement Project" to re-purpose the collected natural gas associated with the production well, ensuring reservoir pressure levels are maintained and facilitating enhanced oil recovery activities.



### ProSep Ships Fluor/Exxon Sakhalin Island Gas Dehydration Skid

ProSep shipped a gas dehydration skid to the Fluor / Exxon Sakhalin Island project. The system was designed to provide 0.2 MMSCFD of dehydrated natural gas to a dew point of less than -16°C at 427 psig. The skid is scheduled for commissioning this spring.

### ProSep Completes Membrane System for PDVSA

The Skanska / PDVSA Bitor 20MMSCFD CO2 membrane system is complete and ready for shipment.



## ProSep Global Business Units

**ProSep Technologies Inc.**  
5353 W. Sam Houston

**ProSep AP**  
ProSep AP Sdn Bhd

desalting plant and saves millions of gallons of water

**Spotlight**  
OF NEW  
TECHNOLOGY

Thanks to the Petroleum Engineering and Development Special Testing Program at Saudi Aramco, a team of engineers tested the ProSalt crude desalting system at one of the company's gas-oil separation plants. Compared to conventional static mixers, the ProSalt resulted in 60% less pressure drop, 40% reduction in wash water consumption and 40% less oil-in-water content. [Read the full story on our website.](#)

[Email a ProSalt expert](#)

**ProSep opens new 56,000 square-foot fabrication, assembly and packaging facility in Houston, Texas**



With three bays, a warehouse and eleven bridge cranes (4 x 35-ton with 5-ton auxiliary cranes, 4 x 10-ton, 3 x 5-ton), ProSep's shop now features higher lifting capacity, much higher hook height and more floor space to handle larger projects with quicker delivery. [Read full story](#)

**ProSep ranked fastest growing technology company in Canada and 12<sup>th</sup> in North America by Deloitte**

**Deloitte** 2009  
**Technology Fast 500**

ProSep ranked first among the 2009 Deloitte Technology Fast 50TM, a ranking of the 50 fastest growing technology companies in Canada, and also received the prestigious Leadership Award and Technology Green 15 TM Award. Thanks to the dedication and hard work of our global team of employees, ProSep also ranked 12<sup>th</sup> in Deloitte's 2009 North American Technology Fast 500TM. [Read the full story and see company interviews archived on our website's \[new section\]\(#\).](#)

**ProSep Workshop** NEW!

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**Industry professionals:  
Interested in participating in  
one of our upcoming oil, gas  
and water treatment technology  
seminars in 2010?**

ProSep will host technology seminars in 2010 for operators in the Middle East and Asia Pacific regions. Featured topics will include enhanced oil-water separation, efficient desalting, removal of H<sub>2</sub>S and zero-discharge approaches to treating produced water.

E-mail us for information on our upcoming seminars.

#### **2010 ProSep Calendar**

To order ProSep's 2010 wall calendar, please [click here](#).