

CHALLENGES AND OPPORTUNITIES FOR THE NEXT 30 YEARS



HALL 3 STAND 3134

BERG HELPS PRODUCERS CHILL OVER FLARE REDUCTION

Ithough Berg Chilling Systems presented its flare reduction and gas conditioning technology at last year's ADIPEC it now has several installations in operation which it says prove the efficacy of the technology in real-world installations. This technology is being revealed on the Canadian company's stand at ADIPEC.

Tell us about your company, and what it does?

Berg and our partners GTUIT help reduce flaring environmental impact through conversion to liquid NGLs and conditioned fuel stream. Berg is a custom designer, manufacturer and integrator of a wide range of industrial process refrigeration equipment, mechanical packages and fluid pumping skids for hazardous and unclassified applications i.e. Natural Gas Liquefaction and/ or Conditioning, industrial cooling and other petro-chemical process applications. Berg specializes in factory assembled and tested



skids for ease of installation & commissioning.

What are your aims at this year's ADIPEC?

To network with the industry and discuss our technology for flare reduction and wellhead gas conditioning. Our technology consists of a portable wellhead gasprocessing system that strips out NGLs from the gas stream and reduces VOCs by liquefying and storing them. These recovered valuable NGLs and purified wellhead natural gas streams can now be diverted away from flare stacks, resulting in significantly improved environmental performance and provides the operator an opportunity to reduce production costs and increase revenue.

Is this your first time as an exhibitor?

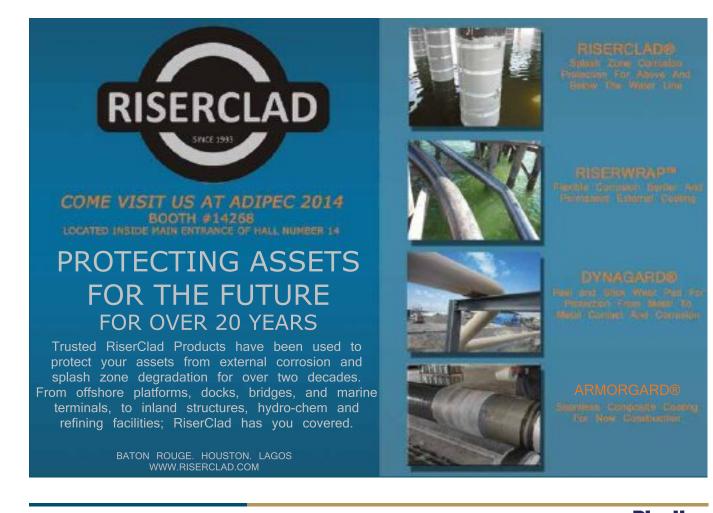
No. This will be our third time exhibiting at ADIPEC.

Tell us about your stand

We have stand no. 3134 in the Canadian Pavilion designed to encourage discussion about our company and our technology. We will be accompanied by our local MENA Region representative Essam Daoud from Proserve and our client partner Jim Haider from GTUIT.

Are you launching any new products or services?

Yes.







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If, so what?

Although we presented our flare reduction and gas conditioning technology at last year's ADIPEC show we now have several installation in operation proving the efficacy of the technology in real world installations.

Is it of specific interest to the Middle East?

Absolutely! We see the opportunities as endless. There are constraints in all aspects of the oil and gas industry to reduce Volatile Organic Compounds (VOC's) from flare emissions and well sites and also find efficient uses for the gas. Further to the conditioning of the gas through our equipment, the residual gas is a dehydrated natural gas product with reduced BTU and increased methane rating that is delivered at a steady flow and pressure. It can feed onsite power generation equipment or heat frac water, reducing the reliance on expensive diesel fuel, or be further processed and sold as liquefied natural gas or compressed natural gas products. The gas can also be compressed and injected back into the well to run artificial lifts, increasing productivity and reducing the need for extra water to sustain the production process.

What do you think of the show?

It has always provided us with a great opportunity to network and we look forward again to this year's show

Where are your key markets? Are you already doing business here in the Middle East?

Although our key markets are in North America, we have supplied equipment to over 50 countries around the world. We see opportunities for our technology in the oil and gas industry of the Middle East every day and are currently working hard on several projects with our local Representative: Proserve.

Are you attending ADIPEC to look for local partners/JVs/distributors?

We are always on the lookout for opportunities and would welcome anyone to our booth to discuss their ideas with us.



What do you see as the challenges and opportunities in the regional oil and gas sector?

Flaring is both one of the biggest challenges and opportunities in the industry today. As in most oil well sites, oil production includes wellhead gas that is rich in hydrocarbons but often not able to be moved to market due to the high rates and rapid pace of development. 1,000 cubic feet of raw gas can contain 8 to 12 gallons of natural gas liquids (NGLs), which include ethane, propane, butane or even natural gasoline. Producers that flare unprocessed gas are literally burning money. Flaring it also emits large quantities of volatile organic compounds (VOCs) into the environment and pumps out carbon monoxide, carbon dioxide and particulate. Our technology is able to recover more than 65 per cent of propane emissions, more than 80 per cent of butane and nearly 100 per cent of pentanes and hexanes. Our challenge is to convey the message at ADIPEC that we have a solution that not only provides an environmental protection component, but also drives revenue right to operators' bottom line. It's a win-win for everyone.

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Official Publication Pipeline