

Airwell Oil & Gas Brings New Pump Technology to the U.S.

Adapted from a press release by Airwell Oil & Gas, LLC.

Airwell Pumps Pty Ltd has provided water and pollution recovery pumping systems to many of the largest industrial and mining companies in Australia for over 25 years. Now they are bringing the renowned performance and reliability of Airwell Pumps to the oil stripper well and coalbed methane markets in the U.S. through a new company, Airwell Oil & Gas.

Airwell Oil & Gas has opened their first U.S. office in Wichita Falls, Texas, receiving a great deal of interest from oil and gas operators seeking an alternative to existing methods of pumping from low-flow wells. This interest has been generated by the innovative new pump Airwell Oil & Gas developed. The Airwell pumping system uses compressed air to optimize a well's production by continuously pumping without downtime or damage to the pumping equipment.

The world has become increasingly concerned about a shortage in available crude oil, creating a boom in the research

and development of reliable alternative fuel sources. One of these sources is coalbed methane gas production.

Coalbed methane sites require low volumes of water be removed continuously to allow methane gas production. Water removal methods used for dewatering can be expensive and unreliable, especially when trying to pump low volumes of water.

Kentucky oil well with nodding donkey pump.



The same well after installing an Airwell pump.

Using the principals of the existing Airwell pumping system, Alan Brown designed, built, and tested a new Airwell pump capable of pumping water from depths of up to 1000 meters (3280 feet).

Testing the pump at a coalbed methane site in Western Australia commenced in 2005, and was a complete success.

In Australia, Airwell Pumps Pty Ltd was approached by several existing and potential new clients seeking ways to overcome the difficulties associated with deep hole, low-volume water pumping. Ongoing research showed the United States was experiencing similar difficulties with pumping low volumes of crude oil from stripper oil wells. While stripper oil wells may only produce small volumes of crude oil, there is a total of 400,000 stripper wells in the U.S. producing over 900,000 barrels of crude oil per day.

Pumping methods for stripper oil wells hasn't changed much over the years, the majority use the beam pumps, better known as a nodding donkey. Due to the way these pumps operate, they aren't suited for pumping low volumes. The pumps need careful management - requiring multiple, daily visits to the site - and regular maintenance to avoid costly breakdowns or even damage to the oil well through overpumping. In 2008, Airwell Oil & Gas carried out a successful trial of their oil pump in Kentucky and highlighted their ability to overcome many of these problems.

Airwell Oil & Gas cont'd on page 38.



DEALMAKERS

Buckeye Drill Co.



Jim Dennis of Casper, WY, purchased this new Smeal 6T pump hoist from Buckeye Drill Company of Zanesville, OH. The unit is being shipped direct to the customer for mounting.

Rig Source, Inc.



Junior Cox, J & M Monitoring, with a refurbished Geoprobe® 66DT from Rig Source, Inc., Elburn, IL.

Schramm, Inc.



This new Schramm T450GT Rotadrill was delivered to K2 Construction of Lincoln, NE. Schramm, Inc. is located in West Chester, PA.

Higgins Rig Co.



This 1987 International water truck from Higgins Rig Company located in Hodgenville, KY, was purchased by Chris Peterson, Peterson Drilling, Inc., Riverdale, NE.

Dealmakers is another one of **WWD's FREE** promotional opportunities.

E-mail your deals to:

promotions@

worldwidedrillingresource.com

Double Life Serves Quality to the World

Adapted from information provided by Double Life Corp.



The Double Life AWD III fine screen, linear motion shaker. All photos courtesy of Double Life Corporation.

Double Life Corporation specializes in the design, manufacture, and distribution of solids control components and centrifugal pumps.

For over 25 years, Double Life has been doing business all over the world. From Libya, Algeria, Saudi Arabia, United

Arab Emirates (UAE), and Kuwait, to Europe, Indonesia, Australia, Egypt, Mexico, Venezuela, and Canada, the Double Life name stands for quality.

Double Life Corporation has earned the respect of technical experts industry-wide, and the confidence of countless customers. The company rests on the basic concepts of product quality, competitive prices, and a job done in an environmentally- and socially-sound manner.

Their products are put through an extensive quality control system to ensure the most demanding standards are met - their own. Quality products, knowledgeable employees, and economical pricing give Double Life more satisfied customers with each order.



The 250 series centrifugal pump is more powerful and easier to maintain than conventional pumps.

No matter what part of the globe you're working on, if you need centrifugal pumps, desanders, desilters, shakers, mud pumps, mud agitators, or hoppers, Double Life is the company to call.

The company's position as a leading distributor of pumps in the industry results from their commitment to sell only quality products.

Double Life has a very simple mission, to provide the best possible products; to offer those products at the most competitive prices; and offer the best service available.

Their commitment to exceed the customer's expectations is an international one.



Double Life manufactures desanders and desilters using the most efficient cones in the market today.

"Quality. At Double Life Corporation, it is simply the way we do business."

~ Les Banta

If you want to work with the best, contact Double Life at 405-789-7867 or toll-free 877-888-PUMP (7897).

www.doublelifecorp.com

Airwell Oil & Gas cont'd from page 35.

A stripper oil well is a well that produces less than ten barrels of oil per day. According to the U.S. Department of Energy, one out of every six barrels of crude oil produced in the United States comes from a marginal well - a well whose production has slowed to ten barrels a day or less. Over 85 percent of the total number of U.S. oil wells are now classified as marginal wells. There are over 420,000 of these wells in the United States, and together they produce more than 915,000 barrels of oil per day, or 18 percent of U.S. production.

Many of these wells are marginally economic and at risk of being prematurely abandoned, leaving significant quantities of oil remaining behind. A common misperception is oil left behind remains readily available for production when oil prices rise again. In most instances, this is not the case.

When these fields are abandoned, the surface infrastructure - pumps, piping, storage vessels, and other processing equipment - is removed and the lease forfeited. Replacing this equipment can be enormously expensive. As a result, once a marginal field is abandoned, the remaining oil is often lost forever.

On average, each year from 1994 through 2006, over three percent of marginal wells were plugged and abandoned. This totalled more than 177,000 marginal wells, representing a number equal to 42 percent of all operating wells in 2006.

Airwell Pumps studied the U.S. stripper oil well and coalbed methane industries, and determined they both needed an alternative pumping system; a cost-effective, reliable one, capable of self-regulating the pump flow rates to match the available fluids in the well.

Research, development, and testing of the Airwell oil and gas pump has produced the ideal product to achieve these requirements.

For more information contact George Alderman 940-642-1079 or visit their Web site

www.airwelloilandgas.com

DoubleLife Corporation

200 N. Rockwell Oklahoma City, OK 73127
 405.789.7867 (P) 877.888.PUMP (P) 405.792.2202 (F)
www.DoubleLifeCorp.com

EXTENSIVE PARTS INVENTORY FOR MAJOR BRAND PUMPS / SHAKERS

Double Life 250 Centrifugal Pumps Sizes 3x2 to 6x6 Available with electric or hydraulic drive

SINGLE CONE 6" DESILTER MICRON CUT TO 25 MICRONS

Custom Pump Packages, Fuel Filter Systems, Centrifugal Pumps, Mud Agitators, Mud Cleaners, Mud Hoppers, Degassers, Desanders, Decilters, Shakers

WASHPIPE & PACKING FOR ALL MAJOR BRAND SWIVELS