

# 2002 Annual Summary

## Overview

In 2002, the Stripper Well Consortium (SWC) entered into its 2<sup>nd</sup> year of activities. By the end of 2002, the SWC held three meetings and two industry awareness meetings, had 52 members, and committed \$1.34M to co-fund 14 proposals, bringing total commitment since inception to \$2.26M to co-fund 26 proposals.

## Funding Commitments

The SWC held its spring meeting on March 12, 2002 at Columbus, OH. This meeting was held in conjunction with the Ohio Oil & Gas Association. A total of 22 proposals were received. The Executive Council approved \$1.34M to co-fund 14 proposals.

## Technology Transfer

In 2002, the SWC began holding two fall technology transfer meetings, as its membership became more geographically diversified.

- *The first technology transfer meeting was with the Oklahoma Marginal Well Commission on October 17-18, 2002 in Oklahoma City, OK.*
- *The second technology transfer meeting was held November 12-13, 2002 in Mars, PA.*

## Raising Industry Awareness

The SWC participated in the Independent Oil & Gas Association of New York (IOGA-NY) Oilfield Equipment Show July 10-11, 2002 in Clymer, NY. The SWC worked with IOGA-NY to showcase SWC's funding opportunities and projects.



The SWC also worked with the Pennsylvania Oil and Gas Association (POGAM) to showcase SWC's activities at their annual meeting. This meeting was held September 23, 2002 in Lake Erie, PA.

## Executive Council

### Two Year Term (2001-2002)

David Burnett	Texas A&M University
Bob Metzger	North Penn Pipe & Supply
Dave Wozniak	Belden & Blake

### Two Year Term (2002-2003)

Peter Bastian	Quicksilver Resources
Jason Lacewell	Republic Energy
John Papso	Cabot Oil & Gas

### Standing Council Members (non-voting)

Gary Covatch	NETL, Strategic Center for Natural Gas
Dan Ferguson	NETL, National Petroleum Technology Office
John Martin	NYSERDA, Program Manager
Joel Morrison	Penn State University, SWC Director

# Stripper Well Consortium

www.energy.psu.edu/swc

# Members

<u>Industrial Participants</u>	<u>Location</u>
ABARTA Oil & Gas Co., Inc.	Pittsburgh, PA
Advanced Resources International	Arlington, VA
Anadarko Petroleum Corp.	Woodlands, TX
Appalachian Well Services, Inc.	Indiana, PA
Aurora Energy	Traverse City, MI
BJ Services Co.	Pittsburgh, PA
Belden & Blake Corp.	North Canton, OH
Brandywine Energy & Development Co., Inc.	Frazer, PA
Bretagne G.P.	Lexington, KY
Cabot Oil & Gas Corp.	Charleston, WV
Chem Tech Holdings	Lake Charles, LA
Colorado School of Mines	Golden, CO
EOG Resources, Inc.	Canonsburg, PA
East Resources, Inc.	Wexford, PA
Equitable Production Co.	Charleston, WV
Furness-Newburge, Inc.	Versailles, KY
Great Lakes Partners, LLC	Yatesboro, PA
Hart Resource Technologies, Inc.	Creekside, PA
I.L. Geer & Sons	Clarendon, PA
Independent Oil & Gas Assoc. of NY (IOGA-NY)	Lakeview, NY
Independent Oil & Gas Assoc. of PA (IOGA-PA)	Wexford, PA
Innovative Discovery Technologies, LLC	Laramie, WY
James Engineering, Inc.	Marrietta, OH
Jetta Operating Co., Inc.	Fort Worth, TX
Lenape Resources, Inc.	Alexander, NY
Maness Petroleum Corp.	Mt. Pleasant, MI

<u>Industrial Participants</u>	<u>Location</u>
Marjo Operating Co.	Tulsa, OK
Markwest Hydrocarbon, Inc.	Englewood, CO
Minard Run Oil Co.	Bradford, PA
Murfin Drilling Co., Inc.	Wichita, KS
Natural Oil and Gas Corp.	Bradford, PA
North Penn Pipe & Supply	Warren, PA
OK Commission on Marginally Producing Oil & Gas Wells	Oklahoma City, OK
PDVSA Intevep	Caracas, Venezuela
Penn State University	University Park, PA
Penneco Oil Co., Inc	Delmont, PA
Pennsylvania General Energy Co. LLC	Warren, PA
Pennsylvania Oil & Gas Assoc.	Bainbridge, PA
Pumping Solutions	Albuquerque, NM
Quicksilver Resources, Inc.	Ft. Worth, TX
S.W. Jack Drilling Co.	Indiana, PA
Schlumberger Holditch – Reservoir Technologies	Pittsburgh, PA
Seneca Resources Corp.	Sigle, PA
Surtek, Inc.	Golden, CO
T&G Technologies, Inc.	Placerville, CA
TechSavants, Inc.	Wheaton, IL
Tennessee Oil & Gas Assoc.	Brentwood, TN
Texas A&M University	College Station, TX
Universal Well Services, Inc.	Meadville, PA
Vortex Flow, LLC	Aurora, CO
West Virginia Geologic & Economic Survey	Morgantown, WV
West Virginia University	Morgantown, WV

## Funded Projects\*

Advanced Technology for Infill and Recompletion Candidate Well Selection

*Texas A&M University*

Construct, Install, & Test GOAL Pumps in 1 Oil & 6 Gas Wells

*Brandywine Energy & Development Co., Inc.*

Desalting Production Water

*T&G Technologies, Inc.*

Development of the Vortex Oil and Gas Unit for Downhole Applications

*Vortex Flow, LLC*

Field Test of the Vortex Oil & Gas Unit in Gas Gathering Systems

*Vortex Flow, LLC*

Field Test of the Vortex Oil and Gas Unit in Stripper Well Flowlines

*Vortex Flow, LLC*

Field Testing of New Technologies for Lifting Liquids from Gas Wells

*Colorado School of Mines*

Identification of the Effects of Corrosion on Stripper Wells

*James Engineering, Inc.*

Injectivity Improvement of Low Permeability Reservoirs in

Big Sinking Field, Lee County Kentucky

*Surtek, Inc.*

A Low Cost Oil Water Separator for Stripper Wells

*Pumping Solutions*

## SWC MEMBERSHIP



A Method of Using the Production Pump to Continuously Clean Stripper Wells

*Pumping Solutions*

Quantification of Bypassed Gas Reserves and Badly Damaged Production Zones in Gas Stripper Wells in the Wind River Basin, WY

*Innovative Discovery Technologies*

Reservoir Characterization of the Wileyville Oil Field

*West Virginia Geological Survey*

Review and Selection of Velocity Tubing Strings for Efficient Liquid Lifting in Stripper Gas Wells

*Advanced Resources International*

\***Note:** A one-page Executive Summary for each of these projects can be downloaded from the SWC website.

Revised April 2005