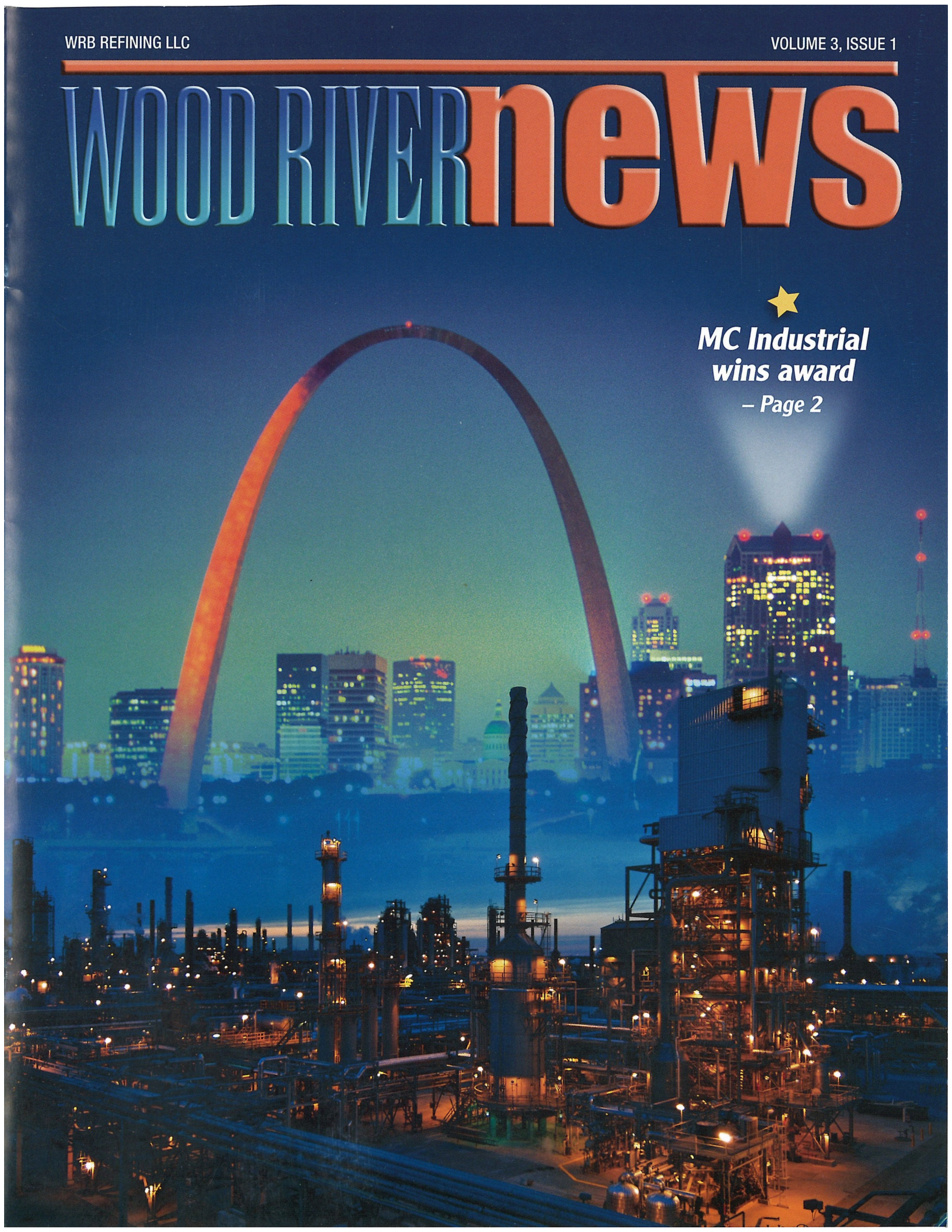
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VOLUME 3, ISSUE 1

WOOD RIVER news



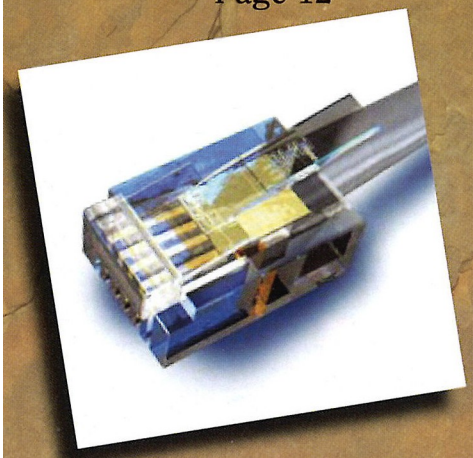
MC Industrial wins award

– Page 2

Refinery shines again Page 3



IT Connection Page 12



Are we going to run out of Internet addresses?

WRB Refining LLC

Wood River Refinery News

A joint venture between ConocoPhillips and Cenovus Energy

Volume 3, Issue 1

Wood River Refinery News

for employees at its Wood River Refinery

P.O. Box 76, Roxana, IL 62084

Keesha Dhaene, *Editor*

Melissa Erker, *Managing Editor*

WOOD RIVER news

CONTENTS

VOLUME 3, ISSUE 1

The heavies have been hauled 1

Wood River Refinery safety milestones 2

MC industrial wins award for work at wastewater treatment plant 2

Refinery shines again 3

League wrap-ups 4

Event wrap-ups 6

Transitions 8

Service Anniversaries 8

Reminder for Dependant Scholarship Program 9

Community outreach 10

IT Connection 12

Easter Egg Hunt 13

Refineries Word Search ..... Back



The heavies have been hauled

Wednesday, Sept. 08, 2010, marked the last heavy haul as part of the Wood River Refinery CORE Project. Over the course of just over one year, a total of 4,060 miles were traveled between the Phoenix Terminal located in Hartford, Ill., to Wood River Refinery with a total of 290 heavy hauls.

Wood River Refinery worked with local and state authorities, railroad personnel, marine and river personnel, traffic controllers, and many others on the timing and execution of these hauls. Special thanks to the villages of Hartford, Roxana and South Roxana and their community members for their cooperation and support.



Crews transport the final haul over the levee.

Neighbors along the haul route expressed a bittersweetness to the final haul.



Heavy haul stats

Total transports: 290

Total miles traveled: 4,060

Total work-hours: 43,000

Number of barges offloaded: 76

Widest module hauled: ..... 61 feet

Tallest module hauled: ..... 58 feet

Longest module hauled: ..... 210 feet

Heaviest module hauled: ..... 2,706,000 lbs.

Maximum number of axles under one module: ..... 72 axles or 288 wheels

Wood River Refinery safety milestones



October marked a month of another important safety milestone for the 138kV Project.

As of Oct. 1, 2010, Wood River Refinery 138kV team members celebrated 500,000 work-hours without a lost-time injury. The project team also achieved over 387,000 work-hours since an OSHA recordable. This is a terrific milestone and the result of focusing on safe work practices.

Congratulations to all the team members for continuing to put safety first.

MC Industrial wins award for work at wastewater treatment plant

The Associated General Contractors (AGC) of St. Louis announced MC Industrial as one of the winners of the 2010 Construction Keystone Awards for their work on Wood River Refinery's wastewater treatment plant.

The annual Keystone Awards Program honors the achievements of St. Louis construction firms and their employees in building the facilities that support and enhance the quality of life in Greater St. Louis. Keystone Award recipients are judged on their excellence in providing solutions to unique obstacles and challenges specific to their projects. The MC Industrial team won in the General Contractor/Industrial Construction Project Under $40 Million category.

The expansion and upgrade of the wastewater treatment plant, as with many of the other recent investments, is an infrastructure improvement associated with the CORE Project.

The judges commented, "MC Industrial has a highly successful track record … and this wastewater treatment upgrade allowing increased capacity while achieving critical environmental compliance requirements is a stellar contribution to that record. MC Industrial effectively dealt with an array of technical challenges, unforeseen conditions and site constrictions through innovation and teamwork."

Refinery Fact

Brought to you by the Wood River Refinery History Museum

In April 1944, an estimated 30 million people around the world learned about the significance of the U.S. oil industry's wartime achievements during a special "Army Hour" radio broadcast hosted live from the Wood River Refinery. The occasion: The 10th anniversary of 100-octane aviation fuel.



Refinery shines again

Once again, Wood River Refinery has shone extra bright this year with the holiday light displays along Illinois Route 111. Special thanks to Waggoner Equipment for their continued donation of equipment to make our big tree possible. Each year, the refinery receives great reaction to the holiday display from passers-by. Thanks again to the many employee and contractor volunteers who helped arrange and set up the holiday decorations, seen from miles away.

A very special thanks to our resident electrical elf, Mick Cope, for keeping the Wood River Refinery "shining" bright each holiday season and lighting up the day for all those who attend the annual Children's Holiday Party.







League wrap-ups



2010 Wood River Refinery Softball League Champions – North Property

Summer softball league wrap-up

With a total of seven teams, the 2010 Refinery Softball League season came to a close in early September. The league saw every level of player from beginners to highly skilled.

League standings:

Team	Win	Loss	Tie
North Property	11	1	0
Bad to the HardCORE	8	4	0
Shockers	7	4	1
Machinists	6	6	0
All Jacked Up	4	7	1
Gas House Gang	3	9	0
Cherne	2	10	0



Congratulations North Property for winning the league for the second year in a row. The trophy, highlighting league winners from 2008 to 2010, proudly sits in the trophy case at River's Edge Café.

Congratulations to all players for keeping the injuries down and enjoyment up.





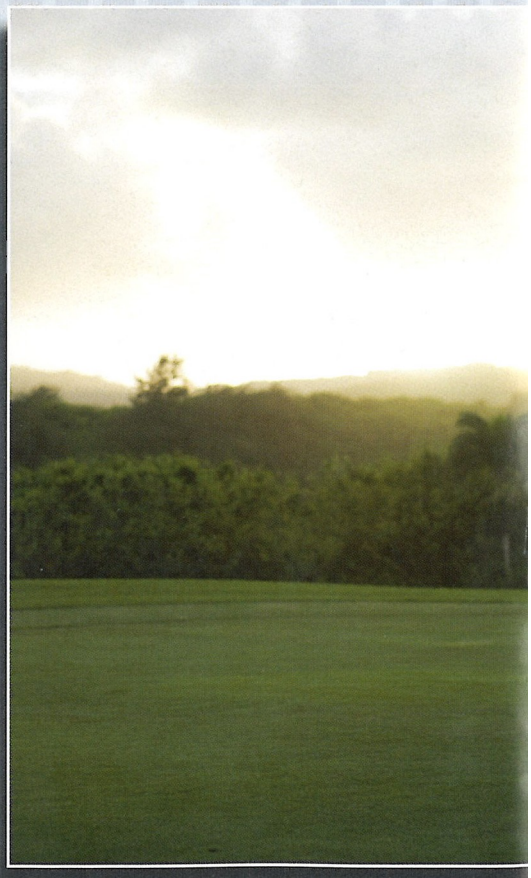
Refinery Golf League wrap-up

Over 160 refinery employees made up a total of 14 teams for the 2010 Refinery Golf League. With a sophisticated handicap system developed by Terry Cown and Andy Hill, both men and women of all abilities met for weekly matches at Cloverleaf Golf Course and The Woodlands.

This year two teams tied for the championships at both courses. Aromatics and Players share the championship at Cloverleaf, and Distilling and Coke Meisters share the championship at The Woodlands.

Special congratulations to Don Lybarger for his hole-in-one shot at hole #7 at Cloverleaf on July 7, 2010.

Congratulations to all of the 2010 Refinery Golf League champions.



Second-half league standings were as follows:

Cloverleaf Golf Course

Team	Points
Players	80
Aromatics	79
Coke Meisters	77
Knuckleheads	69
Core	65
Fore Horsemen	60
Bombers	58
Parbusters	47

The Woodlands

Team	Points
Distilling	131
Coke Meisters	119
Mulligans	95
Bombers	80
Captains	79
Caddies	48



Industrial shooting leagues

Skeet "B" League – Three refinery teams participated in the competitive league using shotguns to shoot at targets: Shell Swingers, ConocoPhillips and Sixty-Sixers. There were a total of 99 shooters in this 10-team league. Unfortunately, the league was not won by a refinery-related team this year but … there's always next year!



HUGHES: 2010 Industrial Skeet "B" League "High Average" was Mike Hughes, Machinist, of the ConocoPhillips team, with an average of 23.55 birds per round.

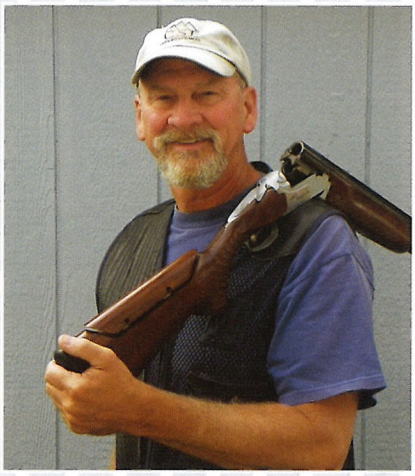
Trap League – Only one Wood River Refinery team, The Old Timers, braved the Industrial Trap League this year.

Pistol League – Three Wood River Refinery teams participated in the Industrial Pistol League this summer. Standings are as follows:

Magnum Force – Finished in sixth place in the "A" League.

A Team – Won first place in the "A" League. Finished the season "clean," meaning they did not lose any points all year. Winner of the "A" League passed 10 years in a row. A Team members include: Homer Barrett, Clair Budahl, Dave Kruckeberg, Bill Schmidt and Kent Kramer. Ron Nuernberger, retired instrument craftsman, had been the captain of the A Team since its inception. Ron passed away this past February, and Kent Kramer took over his duties as team captain.

F-Troop – Finished in fifth place in the "B" League and still holds on fondly to the memories of winning the "B" League just a few years ago. Two team members received recognition for their shooting. Congratulations to Andy Agney, Boilermaker, as the High Rapid Fire Score winner for the season and Bud Neese, Operator-Coker, as the High Slow Fire Score winner for the season.



LILEY: 2010 Industrial Skeet "B" League "Most Improved" was Gary Liley, retired – Operations, of the Shell Swingers team, with an average of 22.75 birds per round.

"Our goal is to have fun," said David Daniel, F-Troop team captain and Wood River Refinery Boilermaker, "and teach people how to properly handle and proficiently shoot guns."

Event wrap-ups

Local parades

Wood River Refinery participates in the surrounding communities' local Halloween and Homecoming parades each year. Employee volunteers and their families walked alongside the refinery's foam aerial truck, firetruck and emergency response vehicle in four local parades in October, handing out candy and goodies along the way. *Special thanks to all the parade volunteers and the Emergency Response Team participants.*

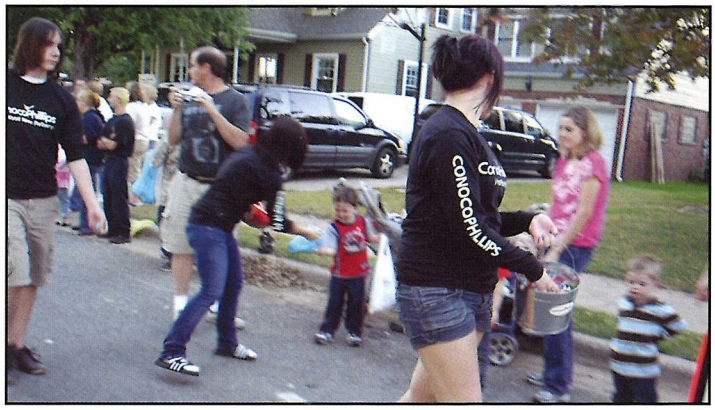




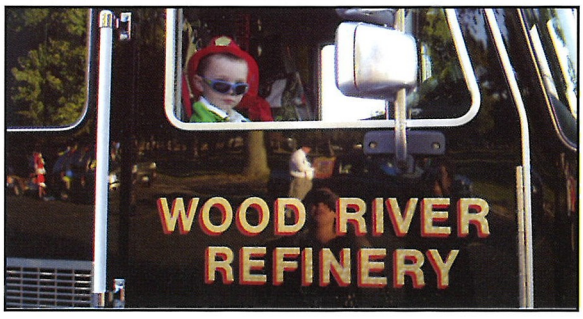














Hot Dog! It's Time to Vote!



ConocoPhillips Government Affairs and the Spirit PAC (Political Action Committee) enticed Wood River Refinery team members with a complimentary lunch of hot dogs, chips, cookies and soda while presenting them with important voting information during lunch Wednesday, Oct. 13, 2010. Team members had the opportunity to visit 25 different political candidates running for offices, including county board, countywide offices, state legislative seats, statewide seats and congressional seats. The Madison County clerk was also present to educate employees about early voting information and other information pertaining to this year's general election on Nov. 2.

Nearly 750 participants attended the event, and over 200 registered to win the two $100 Visa® gift cards and two Apple® iPads™. Congratulations to the winners.

Special thanks to the Spirit PAC volunteers: Atique Malik, Tim Martin, Bruce Brock and Michael J. Johnson.







Children's Holiday Party

The Wood River Refinery annual Children's Holiday Party was another success. Over 600 families came out Saturday, Dec. 11, 2010, to visit with Mr. and Mrs. Claus, enjoy breakfast, pet a live reindeer, and play on the numerous inflatables. *Special thanks to all the volunteers and employees who participated in this year's event.*













Transitions

Transfers In

October 2010

Michael D. Bechtol, Director, Environmental

January 2011

Robert L. (Bob) Cole, Analyzer Specialist, Instrument and Control Systems

February 2011

Jay D. Churchill, Refinery Manager

New Hires

September 2010

Carl E. Bowman, First-Line Supervisor, Aromatics

Kimberly J. Sebenoler, Maintenance Scheduler, Maintenance Scheduling and Execution

November 2010

Michael Pelech, Tester, Quality Assurance

January 2011

Janice Henkhaus, Occupational Health Care Coordinator, Medical

George Obeldobel, Process Engineer, Distilling/Gas

Michael Gilyard, Strategic Buyer, Procurement

Bryan Barrett, Pressure Equipment Inspector, Inspection



Retirements

September 2010

Bruce E. Dorris, PSM Specialist, Health and Safety

October 2010

Randall B. Brueggeman, Operator, Cracking

Mark S. Paproth, Strategic Buyer, Procurement

Mitch P. Scroggins, Field Construction Technician, Small Projects

November 2010

Brad Huffman, Production Leader, Cracked Gas Plant

February 2011

Art D. Branch, Machinist, Contractor Management and Shops

James J. Looser, Operator, Aromatics West

Evan F. Eberlin, Electrical, Electrical

Rick E. Phipps, Operator, Alky

Leonardo Cervantes, Operator, Cracking

Herman L. Seedorf, Refinery Manager

Feedback for Freebies winner!

Congratulations to Brett Miller, Operator, Environmental Operations, for winning the Feedback for Freebies contest in the last *Wood River News*. Brett models his prize, a useful ConocoPhillips umbrella.

Be sure to complete and return the Refinery Word Search for your chance to win a ConocoPhillips goodie.



Service Anniversaries

September 2010

35 years
Kathy Grenzebach
Richard Kinkelar

25 years
James Harbison

20 years
David Batty
Carnettia Blackwell
Timothy Edwards
Russell Eidson
James Garner
Michael Kohlmiller
James Mussatto
Judith Mussatto
Michael Schobernd
Kevin Stuby
Dennis Tallman
Jerald Tolle

10 years
John Sievers

October 2010

35 years
Glenn Cooper
Jacob Young

30 years
Jerry Myers

20 years
Jerry Casteel

10 years
Darryl Randle
Mark Semko

5 years
Angela Garde

November 2010

10 years
Tony Shan

December 2010

20 years
Bob Lavelle



New operators

Welcome to the newest class of operators. The group started their training in November. The new operators are:

Clayton Angel, Michael Beys, Kevin Brittain, David Cox, Gregory Cugier, Travis Cummins, Clint Evans, Ross Hurley, Benjamin Kerley, Brian Marchand, Nathan Martincic, Latif McDonald, Matthew Newman, Jason Nickles, David Runyon and Nick Wieseman.

Reminder for Dependent Scholarship Program



The application period for the Dependent Scholarship Program will begin in early January and run through the end of February. Watch for reminders on *eStream*.

The ConocoPhillips Dependent Scholarship Program exists to help provide assistance toward the cost of college or university education for dependent children of ConocoPhillips' and identified U.S. subsidiaries' full-time, non-store domestic employees and U.S. expatriates.

The program awards up to 60 four-year scholarships for higher education at an accredited institution of higher learning. With annual awards of $4,000 per student, the total monetary value of the scholarship is $16,000. Winners are selected by a committee of independent educators based on academic excellence, community service and financial need.

2010 Graduates missed in last newsletter



Andrew T. Lemons

United States Air Force Technical School, Sheppard Air Force Base, Texas

Andrew is the son of Terrie Lemons, Purchasing. Andrew graduated with a degree in avionics. He celebrated a year of service with the United States Air Force. He and his wife just moved to their first base assignment at Luke Air Force Base in Phoenix, Ariz. Andrew's plans are to retire from the Air Force and continue his education.

Sarah A. Peipert

Chicago Medical School/Rosalind Franklin University,
North Chicago, Ill.

Sarah is the daughter of Guy Peipert, Logistics. She graduated with a doctorate in physical therapy. Sarah plans to practice in the Chicago area.

IN MEMORIAM

We honor the passing of a fellow team member and offer his family and friends our heartfelt sympathy. Lonnie Banks, Tester, joined the Wood River Refinery team in July 1984. In September, Wood River Refinery hosted a special blood drive to honor Lonnie. Lonnie died Oct. 26, 2010, at age 60.

Community outreach

Refinery raises just under a quarter of a million dollars for United Way

The Wood River Refinery team has completed another successful campaign for United Way of Greater St. Louis.

Refinery employees donated $143,855.71 to this year's giving campaign, while retirees contributed an extraordinary $14,175.00. Matched with a corporate donation from the two corporate owners of the refinery, ConocoPhillips and Cenovus Energy, Wood River Refinery raised an outstanding $237,046.07 in 2010.

This gift to United Way enables agencies serving our communities to help hundreds of people. United Way of Greater St. Louis provides funding for services in Madison, Macoupin, Jersey, Calhoun and Greene counties. Many of our retirees can be found volunteering or have received help from various agencies sponsored by United Way of Greater St. Louis.



The NHN steps out to fight diabetes

In October, the New Hire Network (NHN), Wood River Refinery chapter, walked and raised funds for the American Diabetes Association's signature fundraising walk, Step Out: Walk to Fight Diabetes. Combined with the Matching Gift Program through ConocoPhillips, the NHN raised $2,085 for the American Diabetes Association. Thank you to all those who participated in this year's walk and fundraising. Volunteers included Kendra Alexander, Emily Amizich, Keesha Dhaene, Ryan Frank, Ravi Gupta, Ken Kupitz, Patrick Lawlor, Jonathan Moore, James Moynihan and Jim Schulz.





Dedicated soles

Wood River Refinery Emergency Responders took to the gates this fall for muscular dystrophy. The week-long Fill-the-Boot campaign brought in an amazing $3,235.61 in employee dollars for the Muscular Dystrophy Association. The money raised will stay locally and help the MDA in achieving its mission to foster and promote the alleviation of the conditions of persons with muscular dystrophy and related neuromuscular disorders. Special thanks to Emergency Response volunteers Bruce Brock, Butch Mays, Jane Langendorf, Glenn Cooper, Kevin Stephenson, Jeff Clagg, Bill Owens, Alex Rabozzi, Dave Batty, Dan Moore and John Moore.







In the giving spirit

Special thanks to Wood River Refinery team members, community members and area businesses for making the 2010 Community Christmas Campaign a success. In total, this year's Community Christmas Campaign donations included 5,242 food items; 4,532 toys; 507 personal hygiene items; 2,865 clothing items; 498 coats; 1,321 hats, gloves, mittens and scarves; and 146 blankets, sheets and towels for a grand total of 16,797 items.



IT Connection

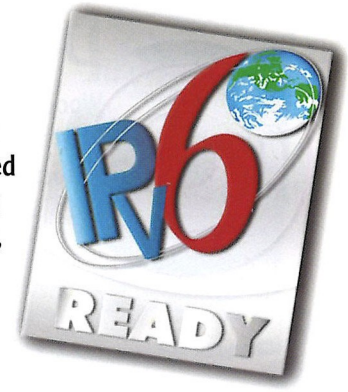
Are we going to run out of Internet addresses?

You may have seen newspaper or online articles claiming that the world is about to run out of Internet addresses. Is it true? Does it have anything to do with the "end of the world in 2012" according to the Mayan Long Count calendar? Is it Y2K all over again, only real this time? I would not be too worried. It is true that every device connected to the Internet has a unique ethernet address. It is also true that we are starting to run low of unassigned addresses in the most commonly used address system, but there is no reason to expect an apocalypse.

Today, the great majority of Internet addresses are based on the IPv4 address standard (Internet Protocol version 4). IPv4 allows roughly 4,000,000,000 unique addresses (232). Way back in 1981 when the standard was first approved, 4 billion addresses on the same internetwork seemed like an unimaginable number. Thirty years later, however, it is clear that such turned out not to be the case. Most of those 4 billion addresses are assigned to specific organizations (governments, companies, universities, etc.). They, the "owner," are the only ones approved to use their addresses. Think of it as similar as the post office requiring that new street addresses be unique and approved (a public address), even though many apartment buildings might have an apartment #26 (a private address). For public IP addresses IANA (Internet Assigned Numbers Authority) oversees global IP address allocation. In that work, they are assisted by a number of RIRs (regional Internet registries), and together they all keep everything in order. You may have heard of Network Address Translation (NAT), because it is used on essentially every home network. In this context, the NAT concept helps the address depletion issue a little, but not enough to put it off for long.

In October 2010, the NRO (Number Resource Organization) announced that the number of unowned/unassigned public IP addresses had dropped to less than 5 percent of the total available space. Ultimately, as the number of IP addressable devices continues to increase, all the assignable IP addresses will be assigned, and no more will be available. Certainly the demand does keep going up. Apple alone sold over 40 million smart phones in the last year, for example, and all of them can get on the Internet. So in theory, we could "run out" of addresses someday, which is the thought behind the "end of the world" stories. But that is not going to happen. Plans to prevent that doomsday scenario from happening have been under way for quite a while. A newer address standard, IPv6, was published in 1998 and is already available. IPv6 provides a number of improvements over IPv4; chief among them is a much larger number of available addresses. IPv6 allows for 2128 , or about 340 undecillion (340,000,000,000,000,000, 000,000,000,000,000,000,000) unique addresses. That's a really big number and will be enough addresses for a very long time. Even though most traffic is still using IPv4, the transition to IPv6 has started. It is generally expected that some government departments and some large corporations may convert as soon as 2012.





Home users should not need to do anything any time soon, probably not for years. A recently purchased home router, for example, should be able to pass IPv6 traffic properly; older models may need to have their firmware upgraded or be replaced. You will need to look at your device's manual or your manufacturer's support page to be sure. If you are going to buy a new home router, consider making sure that it is IPv6 ready, just to be safe. For most users, the Windows® operating system is ready to go right now. Support for IPv6 addressing has been built into every version of Windows, starting with XP Service Pack 1. Unless your Windows system is older than XP SP1 (e.g., Windows 98), you are probably fine. All versions of Windows 7 are good to go. So my advice to home users is to sit back and let the dust settle for a while and not to worry about it in the meantime.

In case you are concerned, ConocoPhillips owns roughly 650,000 publically routable IPv4 addresses and is therefore in no danger of running out of IPv4 addresses in the foreseeable future. Of course, our external services (firewalls, Web servers, mail servers and so forth) will need to be able to handle IPv6 addresses, and therefore, preparations for that are already under way.

Graphics that may prove useful in publishing the article.



Easter Egg Hunt

Remember to bring a basket!

Goodie bags after every hunt!

When: Saturday, April 16, 2011
8:30 a.m - 11 a.m.
(Rain or Shine)

Where: Kendall Hill Park

What: 8:30 a.m. Breakfast
9:30 a.m. age division egg hunt. prizes following each hunt.

Bring your camera for pictures with the Easter Bunny.

Refineries Word Search

H	I	R	G	L	B	Y	S	I	Y	A	R	K	B	Y
N	N	O	Y	B	M	Y	A	E	A	N	L	F	N	E
E	L	F	N	D	E	O	N	I	O	S	A	E	N	L
I	C	A	E	B	C	Y	N	R	B	W	S	R	G	N
M	C	N	V	R	L	M	I	R	O	H	K	L	B	B
I	T	R	A	I	N	E	R	O	A	I	L	O	I	M
Y	A	E	H	I	O	D	D	K	N	T	R	S	L	R
T	W	B	S	E	L	R	A	H	C	E	K	A	L	W
I	I	M	M	W	I	L	L	L	G	G	O	N	I	E
C	L	U	L	V	E	S	A	R	E	A	N	G	N	E
A	R	H	E	M	I	E	O	N	L	T	A	E	G	L
C	N	R	H	O	L	B	N	Y	B	E	R	L	S	V
N	A	A	L	C	O	S	G	Y	R	A	V	E	Y	R
O	C	S	I	C	S	N	A	R	F	N	A	S	E	E
P	Y	A	W	Y	A	B	R	R	W	E	H	W	I	E

Can you find all 17 ConocoPhillips-owned refineries?

WOOD RIVER
WILHELMSHAVEN
ALLIANCE
LOS ANGELES
BAYWAY
LAKE CHARLES
HUMBER
PONCA CITY
MIRO
TRAINER
BORGER
SWEENY
SAN FRANCISCO
FERNDALE
WHITEGATE
BILLINGS
MELAKA

Once you've completed your word search, enter your details in the space below and drop your entry in interoffice mail to: Keesha Dhaene, Main Office, Room 101. Deadline: Feb. 18, 2011.

The lucky winner will be drawn randomly from the correct answers and receive a prestigious ConocoPhillips goodie. The winner will be announced in the next issue of Wood River News.

Name: _____

WRB Refining LLC

A joint venture between
ConocoPhillips and Cenovus Energy

Volume 3, Issue 1
Wood River Refinery News

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Melissa Erker, Managing Editor



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