ShaleNET Jobs & Training Scorecard

July 1, 2010 – June 30, 2013

Participants served by ShaleNET: 14,800
Beginning education and training activities: 9,611
Completing training activities and education: 5,468
Completed training with degree/certificate:
  – On the Job Training: 199
  – ShaleNET Trainees: 978

*Employed:
  – PA Marcellus Shale Related Employment: 1,844
  – PA Non-Marcellus Shale Related Employment: 1,741

*Data collected from various sources including PA Department of Labor Center for Workforce Information and Analysis (CWIA), ShaleNET and its affiliates. CWIA analyzes quarterly census of employment and wages and unemployment compensation records, for which there can be up to a two to three quarter lag time.

*Editor’s Note: ShaleNET has successfully transitioned into Phase II supported by the Department of Labor. With Phase II, the Newsletter has undergone some changes. Three years of ShaleNET has given stakeholders, partners, and the industry time to realize the positive effects it has had on workforce development, education and training, and the oil and gas industry. The newsletter will be devoted to exploring and highlighting how and why ShaleNET is an effective program while still providing a snapshot of its continual growth and development. Every newsletter will begin with an introduction by one of the four hubs. There will be more space devoted to student and employer interviews, more pictures and some video, too.

Insights:
Pennsylvania College of Technology
Welcome back to ShaleNET … Phase II!

June 30, 2013, marked the conclusion of ShaleNET Phase I, the highly successful program that supported training for more than 5,000 people for entry-level high demand natural gas and oil occupations.

ShaleNET Phase II, established in October 2012, with a USDOL Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant, adds programming to address upstream, midstream and downstream high demand occupations and expands geographically to a national presence. Pennsylvania College of Technology, Westmoreland County Community College, Stark State College in North Canton, Ohio, and Navarro College in Corsicana, Texas, in partnership with the public workforce system have implemented the ShaleNET Stackable Credential Model.

To subscribe to the newsletter, visit www.shalenet.org
Insights:
Pennsylvania College of Technology Continued

The new model incorporates Tiers 1 and 2 developed under ShaleNET Phase I with credit programming represented in Tiers 3 and 4. In year one already, ten new programs have been added and 133 students enrolled in both credit and non-credit training.

Implementation of the credential model and its standardized industry-vetted competencies is supported by permanent capacity building at each partner institution through instructional lab development and state of the art equipment. Students are supported by One-Stop Career Centers, ShaleNET Career Counselors, and the Talent Match System. Developed with industry input, the entire ShaleNET model provides short and long term training options for careers in the natural gas and oil industry. Consistent with TAACCCT goals, it will be a ShaleNET priority to work with veterans and dislocated workers.

So, what are ShaleNET’s accomplishments during the first year of Phase II? To answer that, I would like to focus on two of the project’s innovative technology solutions that have particularly positive implications for our industry partners.

First are the virtual collaborative learning environments being integrated into Well Site Trainer labs at all four of the partner institutions. Simulating a real work environment in the field, the labs allow students to digitally control equipment commonly used and maintained by the natural gas industry. Hands-on distance learning allows students to gain skills and competencies in the classroom, removing a major burden and cost of training shift workers, providing internship opportunities to students in remote locations, offering supplemental hands-on coursework for postsecondary programs nationwide, and access to secondary programs to feed the occupational pipeline. Because these labs have the potential to significantly impact the natural gas and oil industry’s workforce needs, we are happy to announce the installation of the pilot Well Site Trainer lab at Navarro College in October by Applied Systems and Technology Transfer (AST2).

The second innovative solution linking the needs of industry to appropriate talent is the Talent Match System (TMS), developed by Five Star Development. Through ShaleNET.org, TMS is a highly effective tool providing users an understanding of the oil and natural gas industry, informing them of the rigors of an occupation, and determining a potential fit. The TMS is further used by full-time Career Counselors to assess user competencies and assist them with an appropriate pathway to training and employment. This is in effect a triage system for individuals, including the crucial first step of determining if an individual is right for a particular job or career path.

The ShaleNET consortium would like to thank Five Star Development for working with us during this first project year to expand the system to add the Tier 3 and 4 credit programming components. We also thank our industry partners for providing occupational content, and our educational partners for adding coursework components. We are committed to linking talent to opportunity – and it all starts with shaleNET.org.

Continued next page.
Insights:
Pennsylvania College of Technology Continued

By building permanent instructional capacity, implementing innovative cloud-based curriculum, and expanding the base of training providers, ShaleNET is committed to establishing a sustainable system for meeting the workforce needs of the natural gas and oil industries.

As stated by Secretary of Labor Thomas E. Perez during a recent visit to a Colorado TAACCCT-funded program, "This is an unprecedented investment in our community college system... and by extension in our people’s ability to find solid work that can raise a family. This is about education, labor, business and community leaders coming together to meet the real-world challenges of a complex global economy." The ShaleNET consortium is proud to be a part of this investment in America’s future.

~ Alice Schuster, ShaleNET Program Director

Success Stories:

Penn College Graduates Two Roustabout Classes
Pennsylvania College of Technology offered two Roustabout Trainings in August and through September, graduating all 23 students who enrolled in the classes.

Students who completed the first Roustabout Training class were: Ajibade Adedoja, Nicholas Agnew, Pascal Bodo, Isaac Bower, Edward Carta, Kenneth Hill II, Clay Hindman, Henry Klementovich, Jabal Martin, Donald Riles, David Schwartz, and Kathryn Williams. Pictured below: Darien Black, Thomas Kisiel, Connor McLaughlin, Josue Mejia, Sean Muthler, Chad Myers, John O’Donnell, Bradley Schlecht, Dylan Szramowski, and Donte Williams. Rex Moore, Instructor is also pictured.

Students applied to, interviewed with, and/or received job offers from the following companies: Otex Pumping, Clean Harbors, National Oilwell Varco, Oil States Energy, and Halliburton.
Success Stories:

Stark State College Graduates a Floor Hand Class

In July, Stark State College graduated 12 students from its Floor Hand class. Tuition for the students was provided by America’s Natural Gas Alliance (ANGA) through its Support Our Troops fund. The class field trip included a visit to an operating rig, courtesy of Chesapeake, in Carroll County, Ohio. ANGA will be funding another Floor Hand class of 20 students at the end of October 2013.

NEW ShaleNET.org Launched

Launched in July 2013, the ShaleNET Talent Match website, www.shalenet.org was updated with a new, contemporary design in support of phase II of ShaleNET. The information on the site now includes Realistic Job Previews and education and training information on the four entry-level jobs and seven careers that comprise the multi-tiered, stackable credential model. The participant data tracking component has also been expanded to provide ShaleNET Career Counselors a more comprehensive set of tools to manage the student experience. Over 5,000 unique visitors from 48 U.S. states and from over 40 countries have accessed the new site.

Penn College Represented at Pennsylvania’s First Annual Energy Games

The Pennsylvania College of Technology participated in the first annual Pennsylvania Energy Games on September 7, 2013, at the Lycoming County Fairgrounds in Hughesville, PA. The PA Energy Games was an all day festival designed to showcase home-grown energy, production and conservation. The Games featured a variety of exhibits, activities for children, equipment rodeos, music, and great food.

Pictured are Rex Moore, ShaleNET Instructor; Dan Mendell, ShaleNET Instructor; and Steve Nickell, ShaleTEC Director.

Penn College was a silver sponsor of the event and participated as an exhibitor. Plans are already underway by the PA Energy Games, Inc., a non-profit agency, to bring the PA Energy Games back to Lycoming County in 2014.

Stark State Participated in International Association of Drilling Contractors Event

Dan Schweitzer represented Stark State College on August 13, 2013, at the International Association of Drilling Contractors (IADC) Workforce Attraction Development Initiative (WADI). The WADI meeting was an exploratory gathering of members of the drilling industry (IADC, TransOcean, Noble, Rowan, Nomac and others) and technical schools (ShaleNET Hubs, Lonestar, Houston Community College, and others). During the meeting, drilling industry partners and academic leadership from select colleges discussed the challenges faced by the Industry in terms of staffing, employment and training. All parties involved agreed to actively seek ways to align curriculum and/or competencies at key technical schools with industry needs. A follow-up WADI meeting is scheduled for November 15, 2013.
Success Stories:

Positive Developments for Stark State’s Well Site Trainer

In mid-September, Stark State College finalized an agreement to purchase .75 acres of vacant land in downtown Canton which will be the permanent home of the Well Site Trainer and Lease Operator Outdoor Training Facility. It will include 7,500 square feet of high bay space to be used for rigging, maintenance, and production training associated with ShaleNET curricula.

CDL Class Funding Stream Unique in Ohio

Stark State College recently approved an eight week Commercial Driver’s License (CDL) program to be provided in conjunction with Big Rig Truck Driving School in Massillon, OH (Big Rig). The final two weeks of over-the-road training will be completed at Big Rig. This is the only CDL program in the state of Ohio where federal financial aid (FAFSA, Pell) can be used for 100% of the fees associated with the class. The first CDL Class begins on October 21, 2013. Interest in the class has been significant, with students put on waiting lists before the class was formally advertised. Enrollees in the class include graduates from previous Floorhand classes and ShaleNET majors.

Navarro College and ShaleNET Exhibit at the Teague Career Fair on September 23, 2013
Student Spotlight:

Dan DeAugustine

“If you want a good life, and don’t want to become a doctor, become a roustabout.”

Dan DeAugustine did not begin his career heeding his own advice. A carpenter by trade, after 14 years in the industry he went on to own a small carpentry business. Three years after opening his business, he found out about ShaleNET.

“I was always interested in a career in the oil and gas industry, but for a long time I thought it only existed in Texas and Louisiana. I had no idea what kind of opportunity existed locally until I found out about ShaleNET,” said Dan.

Dan found out about ShaleNET from a friend and decided to begin his training as a Roustabout.

“The program speaks for itself. ShaleNET is a great way to not only understand the oil and gas industry but to also know where you would fit in to the industry, be it a welder’s helper, roustabout, etc.”

After six months working as a roustabout at Renegade Services, Dan began training to become lead hand. When asked what was next, Dan said he would like to seek training to become a crane operator.

“My company will pay to train, which is great, because in this industry there are so many different licenses and credentials you need, to not only move up the career ladder but to get your job done,” said Dan. For example, as a roustabout Dan needed his CDL, which he also got through ShaleNET, because there is sometimes a need to move trucks on and off the drill pad.

Although Dan did not get his current job directly through ShaleNET, he said many of his classmates were interviewing while still in their training class. “The level of career coaching and support we received from ShaleNET was incredible,” remembered Dan.

His passion and drive about spreading the word about oil and gas careers and ShaleNET has led him to the following conclusion: “ShaleNET has to get into the high schools. High school students need to understand what kind of opportunity exists within the industry. If I had known then, what I know now, I would be a veteran in the industry.”
Scholarships:

Chesapeake Donates $44,000 to Stark State College Foundation

In August 2013, the Stark State College Foundation received a $44,000 donation from Chesapeake Energy. The money will be used for individual scholarships of $500 per semester for two years. Eligible students must be enrolled in a ShaleNET major and have a cumulative grade point average of 3.0. Eight students were awarded these scholarships for the Fall Semester 2013.

Act 13 Funds Support Tuition-Free ShaleNET Training

With recent approval of Act 13 funds, Pennsylvania College of Technology will be able to provide $50,000 in ShaleNET scholarships to 50 veterans, unemployed and underemployed residents of Lycoming County. The college will offer up to $1,000 per student scholarships to enroll in entry-level ShaleNET classes.

PA CareerLink, an important partner to ShaleNET, will help to promote the opportunity to county residents.

ShaleNET’s New Faces:

With Phase II underway, ShaleNET has added new staff members to the original team.

Pennsylvania College of Technology:

John Strittmatter

John recently joined the ShaleNET staff as ShaleNET Hub director for PCT. John originally is from Indiana County, Pennsylvania where he grew up on a farm. Most recently he ran his own construction & project management company. John has an MBA and BA in Geography-Urban Planning from Indiana University of PA and completed numerous advanced management and leadership programs while employed at IBM.

Maria Weisser

As Data Manager, Maria will be working on collecting and reporting grant participant outcome measures and continuous improvement to the Talent Match System and the ShaleNET website. Her most recent role was Operations Manager which involved data management and implementation of MIS systems for continuous improvement. Maria has a B.S. in Business Administration and resides in Elizabethtown College, PA.

Stark State College:

Dan Schweitzer

Dan joins ShaleNET as Stark State College Hub Director. He is a licensed professional geologist in the commonwealth of Pennsylvania who graduated from Kent State University with a Master’s Degree in Geology in 2001. He spent the next 12 years with Sanborn, Head and Associates as a geologist and project manager, prior to joining ShaleNET.

Julia Strawder

As a ShaleNET Career Counselor, Julia works directly with students guiding them into a career in the oil and gas industry. Julia A. Strawder graduated from Franklin University, in Columbus Ohio with a Master in Business Administration and concentration in Human Resource Management. While working as an Adjunct Instructor for Stark State College since 2009, she volunteered for a group of U.S. Military Veterans who desired to have a Veteran’s Memorial in their community.

Eric Keller

Eric has joined ShaleNET as a support technician. Prior to ShaleNET he served in the US Army and the Ohio National Guard, for a total of six years, including one year in Iraq. He earned the rank of Staff Sergeant (E-6) in just over five years. After coming home he started a family and went to Kent State University where he graduated Magna Cum Laude.
ShaleNET’s New Faces:

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Navarro College:

Dr. Donald W. Capone II
Assistant Dean for Business, Professional and Technical Education

Dr. Capone obtained his BS in Physics from Boston College and received his Ph.D. in Condensed Matter Physics from Tufts University. He has over 100 technical publications and eight patents on various aspects of materials science and technology. In 1988 he received the Department of Energy Outstanding Scientific Achievement Award for his work in Superconducting Materials Development.

Dr. Capone was, until June of 2012, the Department Chair of the Petroleum Technology Program at Navarro College, Corsicana, TX. During his time as Department Chair he successfully established a thriving program offering both a Certificate and an Associate in Applied Science degree in Petroleum Technology.

Cassandra Dillon
Navarro College – Director, ShaleNET US Western Hub

Cassandra Dillon has over 18 years of experience in the fields of industrial engineering, environmental, risk management, occupational safety and health. Also, as an Adjunct Professor, she lectures in the areas of emergency planning, environmental systems, logistics, engineering, risk management, safety, oil and gas. Cassandra holds a B.S. in Industrial Engineering from Louisiana State University; an M.S in Risk Control/Safety Engineering from the University of Wisconsin - Stout.

Maria Lippert
Navarro College – Case Manager, ShaleNET US Western Hub

Maria Lippert, studied marketing and communications at a liberal arts college in PA. For 24 years she worked for a defense contractor in the areas of accounts receivable, finance, and project control. For the past year and a half she has had the pleasure of working at Navarro College, first on the Texas Juvenile Justice Department program, and now as part of the ShaleNET grant.

Roy Cassel
Navarro College – Support Technician, ShaleNET US Western Hub

Roy Cassel graduated from Navarro College with a degree in computer programmer/analyst. He is from Rice, TX, and grew up in the Corsicana area. His experience includes IT technical support, systems administration, systems engineer, automation specialist, and program engineer.

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ShaleNET Employers:

We would like to thank all the companies who have employed those served by ShaleNET.

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