JOB DESCRIPTION

Geophysicist study the earth using gravity, magnetic and seismic methods in order to identify specific rock formations that have the potential to contain crude oil and natural gas. They may create 2D, 3D or even 4D maps and models of many geological rock formations. They help create fascinating images to map what we cannot see below the surface, which will then be used to predict the most effective and efficient drilling locations.

EDUCATION REQUIREMENTS

Bachelor or Master Degree in Geophysics.

EDUCATION & TRAINING OPPORTUNITIES

Ohio State University, The
281 W. Lane Avenue, Columbus, Ohio 43210
614-292-6446
www.osu.edu

Penn State
201 Old Main, University Park, Pennsylvania 16802
814-865-4700
www.psu.edu

West Virginia University
One Waterfront Place, Morgantown, West Virginia 26506
304-293-0111
www.wvu.edu
Did you know that the natural gas and crude oil industry offers more than 75 different challenging and rewarding career opportunities? In fact, in 2011, there were approximately 14,000 people employed in the exploration and production segment of our industry, and today, that number has rapidly grown to nearly 200,000. As energy demands continue to increase, so does the need for qualified workers that will help drive production forward.

Ohio’s first wells were drilled just prior to the Civil War, and our state now ranks fourth in the nation in the number of natural gas and crude oil wells drilled – 275,000 – behind only Texas, Oklahoma, and Pennsylvania. Currently, Ohio has over 50,000 wells, and advancements in technology have made it possible for these natural resources to be produced safely and economically.

Thanks to the industry’s innovation, we continue to provide energy and petrochemical products to our local homes, schools, farms, churches, municipalities, and businesses across the state, region and country. As the Ohio’s energy supply adds to the national supply, our resources are helping us become less dependent from foreign supplies. By 2020, just the Utica and Marcellus Shales located in Ohio, Pennsylvania and West Virginia are projected to account for 35% of all U.S. natural gas production, making our region an industry leader.

In addition to energy supplies, products such as synthetic fabric, cosmetics, sporting equipment, toys, toothbrushes, inks, computers, paints and many lifesaving products such as medicines, artificial hearts and even prosthetics are all made from petroleum. With the average person using around 3 gallons of petrochemical related products each day, it is easy to see why the crude oil and natural gas industry is persistently in need of a well trained workforce.

FOR MORE INFO

P.O. Box 187, Granville, OH 43023
740-587-0410 | www.oogeep.org

Don’t forget to check out our career videos at youtube.com/OOGEEP1