

# Ohio Oil & Gas Energy Education Program



## CAREERS IN OHIO SERIES:

### MWD FIELD ENGINEER

#### Job Description:

MWD (Measure While Drilling) Engineers and Directional Drillers steer the drill bits, sometimes horizontally, sometimes through multiple reservoirs to maximize the potential of a single well. (See also: Completions Engineer, Drilling Engineer, Facilities Engineer, Geologist, Mud Engineer, Petroleum Engineer, Reservoir Engineer and Water Systems Engineer).

#### Typical Education:

Associate's Degree or Bachelor's Degree in Engineering or Applied Science

#### Education & Training Facilities:

##### Marietta College

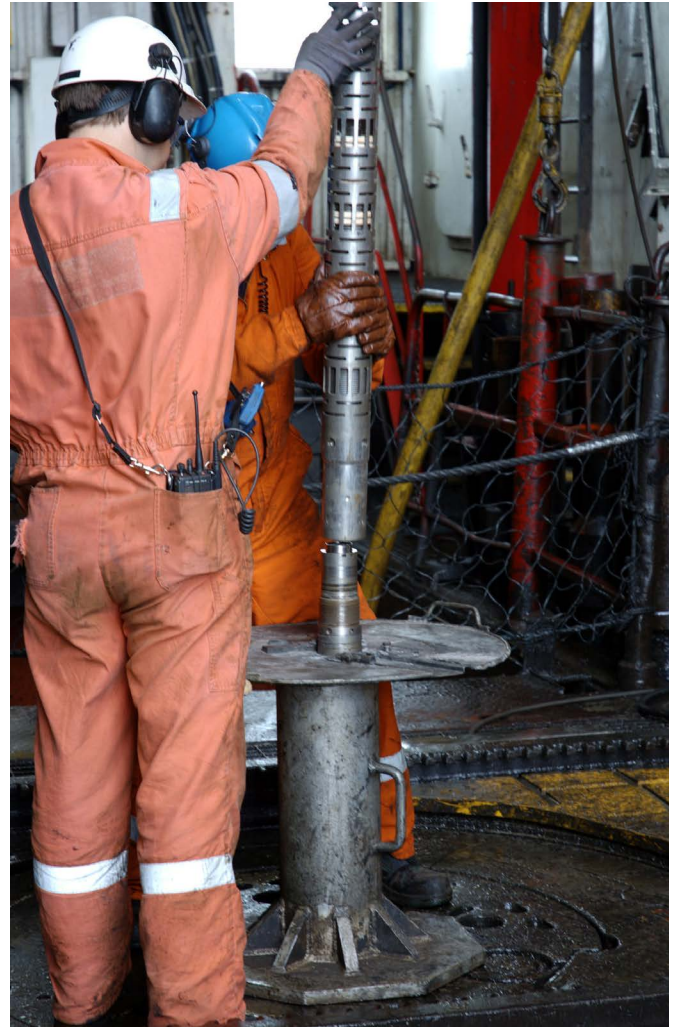
215 Fifth Street, Marietta, Ohio 45750  
800-331-7896  
[www.marietta.edu](http://www.marietta.edu)

##### Penn State

201 Old Main, University Park, Pennsylvania 16802  
814-865-4700  
[www.psu.edu](http://www.psu.edu)

##### West Virginia University

One Waterfront Place, Morgantown, West Virginia 26506  
304-293-3489  
[www.wvu.edu](http://www.wvu.edu)



# FACTS

## ABOUT OHIO'S OIL & GAS INDUSTRY

Working in Ohio's natural gas and crude oil industry can offer a challenging and rewarding career. Individuals that choose this career path, whether in an office or field environment, are accustomed to working long hours and operating under adverse weather conditions.

Ohio's first wells were drilled just prior to the Civil War using hollowed out tree trunks as our first casing and natural gas pipelines. Today, we continue to provide energy and products to farms, homes, schools, churches, municipalities and businesses across the state. Ohio ranks fourth in the nation in the number of natural gas and crude oil wells

drilled—275,000—behind only Texas, Oklahoma and Pennsylvania. Today, there are over 65,000 active wells across the state producing out of 30 different geological formations.

Advancements in technology make it possible for natural gas and crude oil producers to safely and economically drill in rural and pre-developed areas. Ohio's supply of natural energy resources is indeed significant. As the state's supply adds to the national supply, our resources are helping us to be more independent from foreign energy supplies.




## FOR MORE INFO

### ABOUT OHIO'S CRUDE OIL & NATURAL GAS INDUSTRY

OHIO OIL & GAS ENERGY EDUCATION PROGRAM



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