



**JobsOhio**

**David Mustine**  
Senior Managing Director

## The Ohio Advantage

**Competitive Business Climate**


- Budget surplus
- 3<sup>rd</sup> in U.S. for lowest tax rates on new capital investment (*E&Y study*)
- Most improved business climate in the U.S. (*Chief Executive's 2013 CEO Survey*)

**Logistical Advantage**

- Get your people and product where you need them quickly and efficiently
- Within 600 miles of 60% of all U.S. and Canadian manufacturing
- World-class transportation infrastructure (road, rail, water, and air)

**Productive Workforce & Targeted Training**

- 6 million labor force
- Focused on education and training initiatives
- Aligning supply of talent to forecasted demand

 2

## Utica Shale Update

	<u>Current</u>	<u>YE 2012</u>
Horizontal Permits Issued:	1061	485
Total Wells Drilled:	697	199
Wells Producing:	292	45
Rigs in State*:	38	30

\*Baker Hughes  
As of 1 February 2014

## NG and NGL Midstream Projects - Ohio Utica Shale

Company	Location	Operations	Estimated Investments
MarkWest	Harrison & Noble Counties.	G, P, & F	\$1.5 Billion
M3/Access	Columbiana & Harrison Counties.	G, P, & F	\$1.2 Billion
NiSource	Mahoning	G&P	\$390 Million
Dominion/Caiman*	Monroe +	G&P	\$800 Million
Spectra*	Northern & Eastern Ohio	Natural Gas Pipeline	\$430 Million +
Enterprise	Eastern, Central, & Southwestern Ohio	Ethane Pipeline	\$1 Billion +

\*Announced  
Gathering/pipeline – Processing – Fractionation

## NG and NGL Midstream Projects - Ohio Utica Shale

Company	Location	Operations	Estimated Investments
Kinder Morgan & MarkWest*	Tuscarawas Processor & NGL Pipeline to Gulf.	G & P	TBD
Bluegrass/Williams/Boardwalk*	16 Ohio counties. NGL's to Gulf.	G	\$ 1 Billion
PVR Partners	Belmont, Jefferson and Harrison.	G – lean	\$125 Million +
Kinder Morgan*	From Harrison to NW Ohio.	G - liquids	\$300 Million

\*Announced  
Gathering/pipeline – Processing – Fractionation

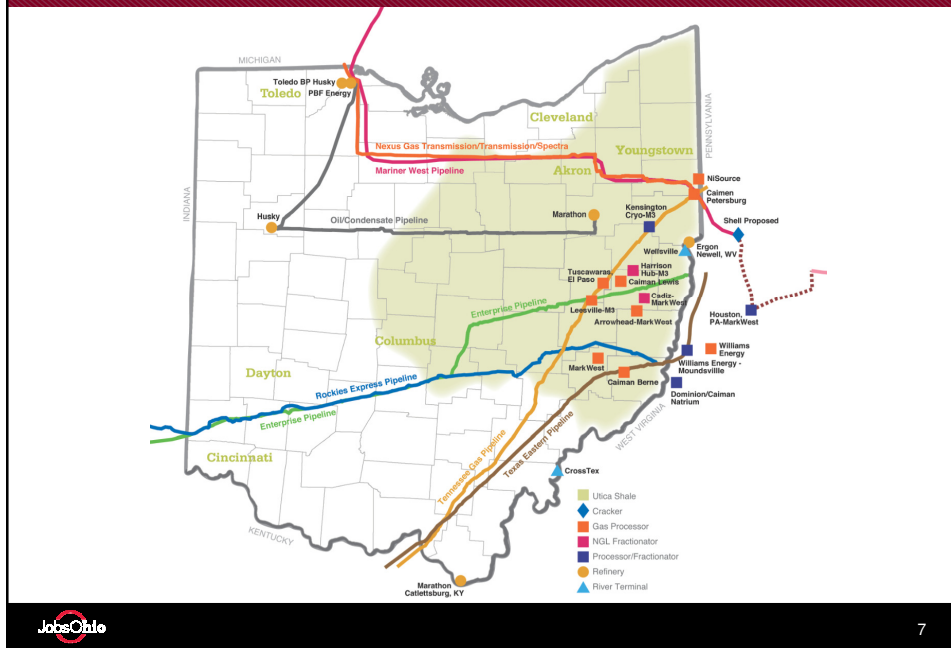
## Condensate Midstream Projects - Ohio Utica Shale

Company	Location	Operations	Estimated Investments
MarkWest/Midwest Terminals*	Harrison County	Stabilization	TBD
Marathon Petroleum*	Condensate pipeline from Harrison to Stark counties and transfer plant in Columbiana.	Pipeline and transfer plant.	\$200 Million +

Total Midstream Projects = \$6.9 billion +

\*Announced

## Midstream Map



JobsOhio

7

## Ohio's Oil & Gas Supply Chain

V&M Star, Youngstown – *steel tubing*

U.S. Steel, Lorain – *steel pipe*

Miller Supply, Inc., Wooster – *oilfield supply and services*

Pioneer Group, Marietta – *midstream fabrication and construction*

Timken, Canton – *manufacturer and supplier of bearings*

Ariel Corporation, Mt. Vernon – *gas compressors*

Gorman-Rupp, Mansfield – *pumps used in oilfield operations*

The Shelly Company, Thornville – *aggregates, asphalt, ready-mix, paving services*

GE Energy, Twinsburg – *sensors and meters*

Vega, Cincinnati – *measurement systems*

JobsOhio

8

## Ohio's Shale Economic Development Focus

- Manufacturers in oil and gas supply chain.
- Expansion projects at chemical plants, large energy users and refineries.
- Recruit companies that are large natural gas users and add value to the wet gas stream.