Shale Crescent USA™
THE OHIO VALLEY ENERGY ADVANTAGE

West Virginia's Competitive Advantage Over the World

"Time for Action"


NY
PA
OH
WV
CA
TX
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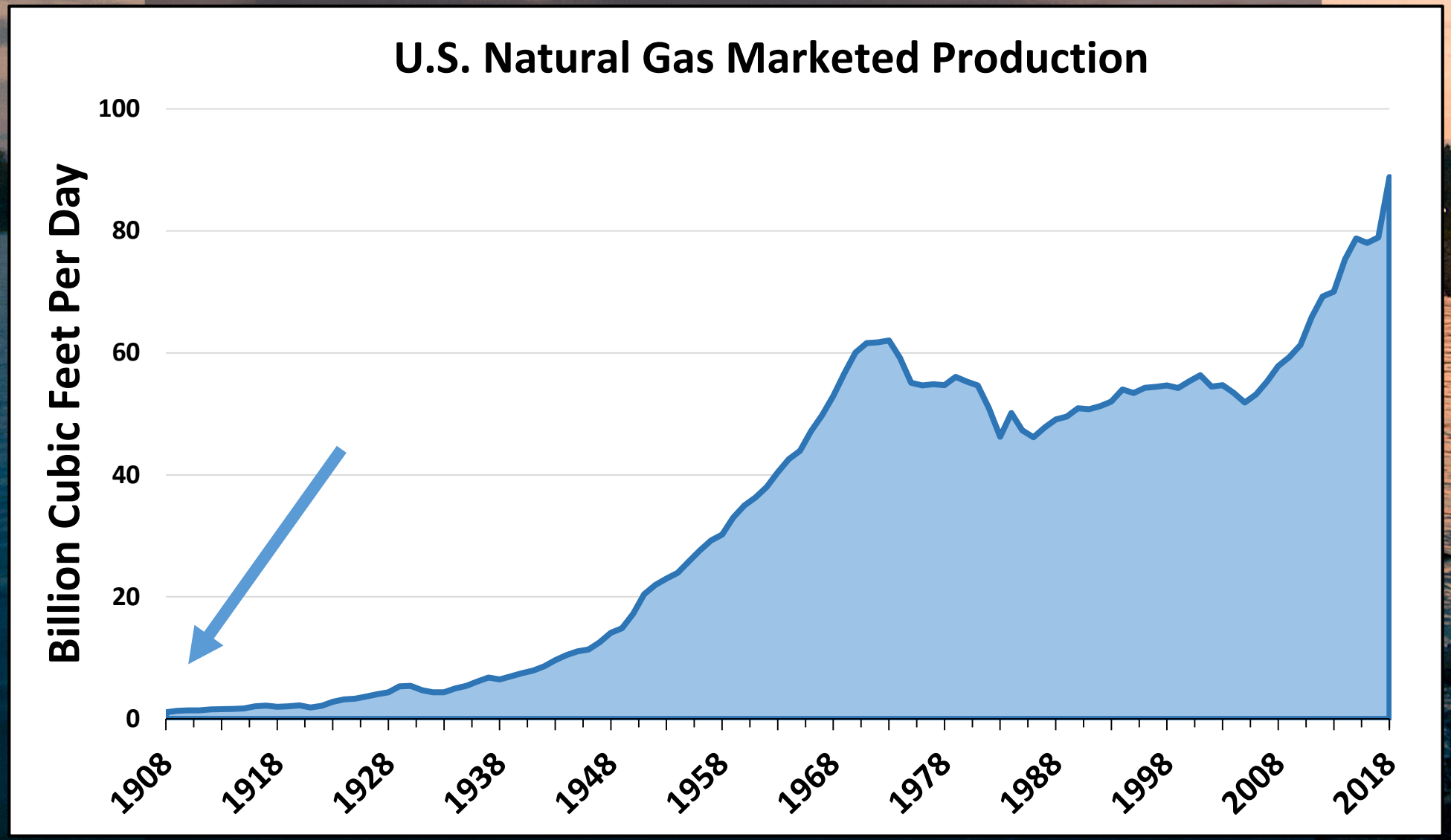
U.S. Natural Gas Production – First Energy Boom



Source: EIA.gov

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The Age of Vertical Drilling

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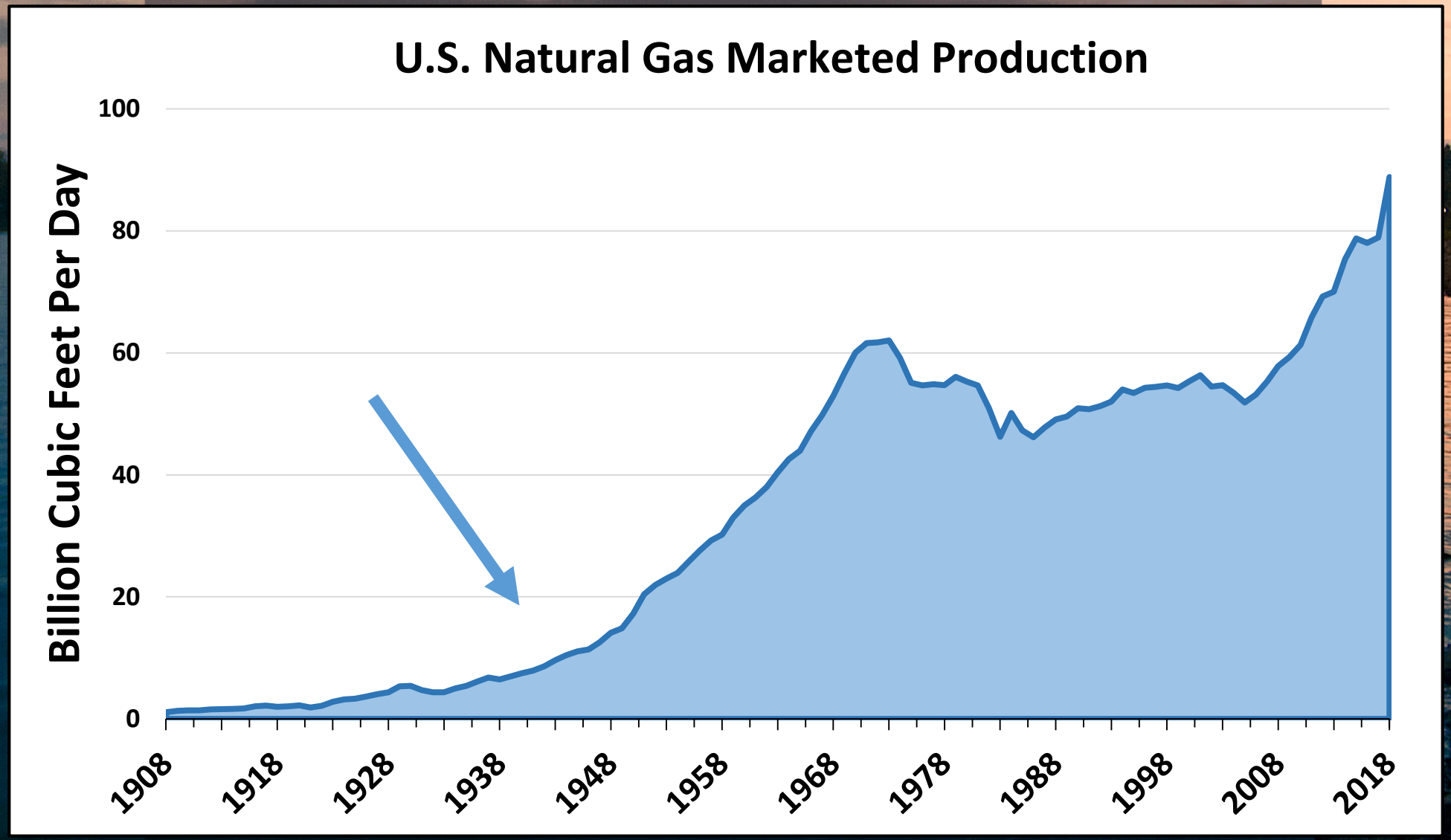
Dramatic increase in Natural Gas Production – Post WWII



Source: EIA.gov

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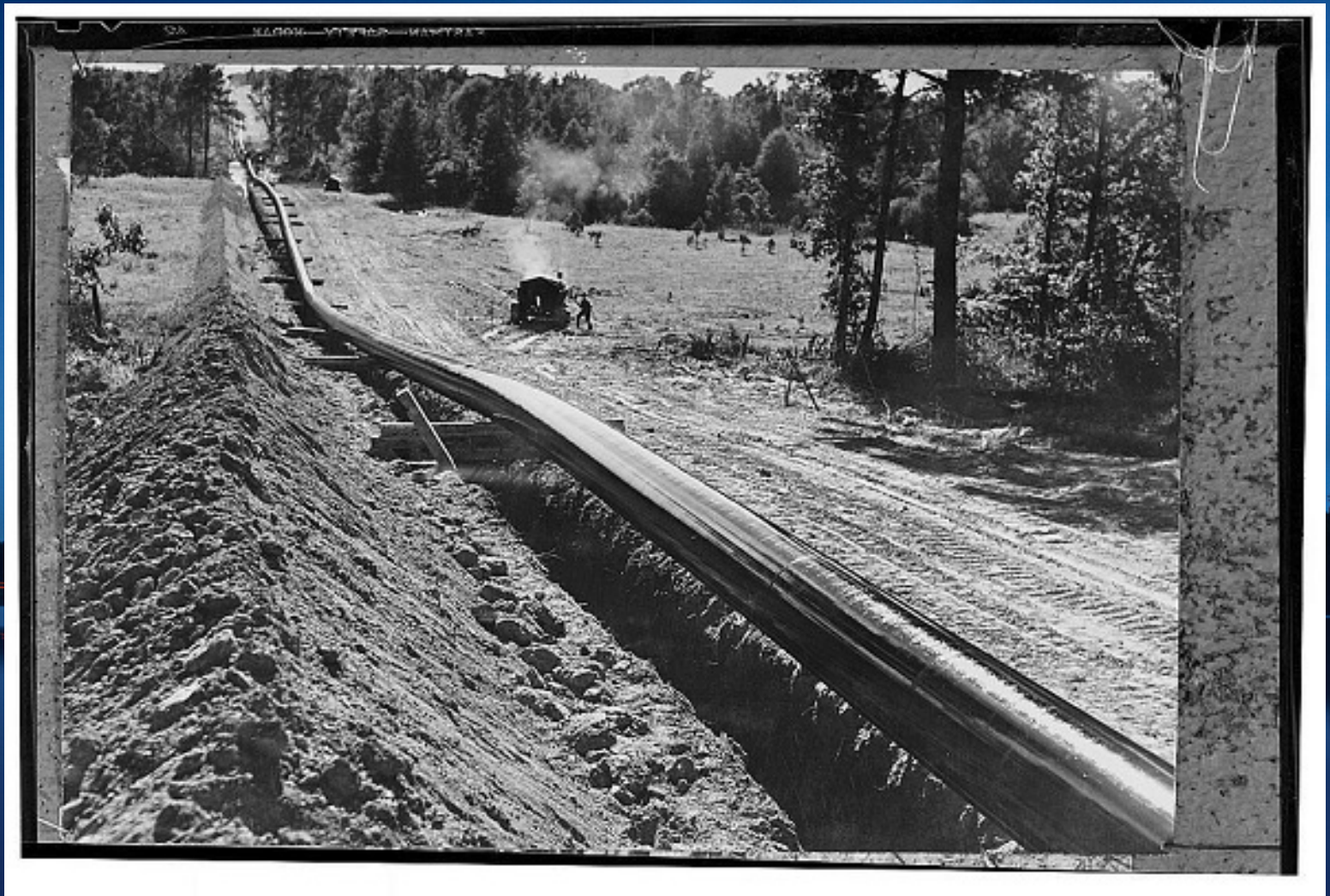
The Age of Long Haul Pipelines & Hydraulic Fracturing

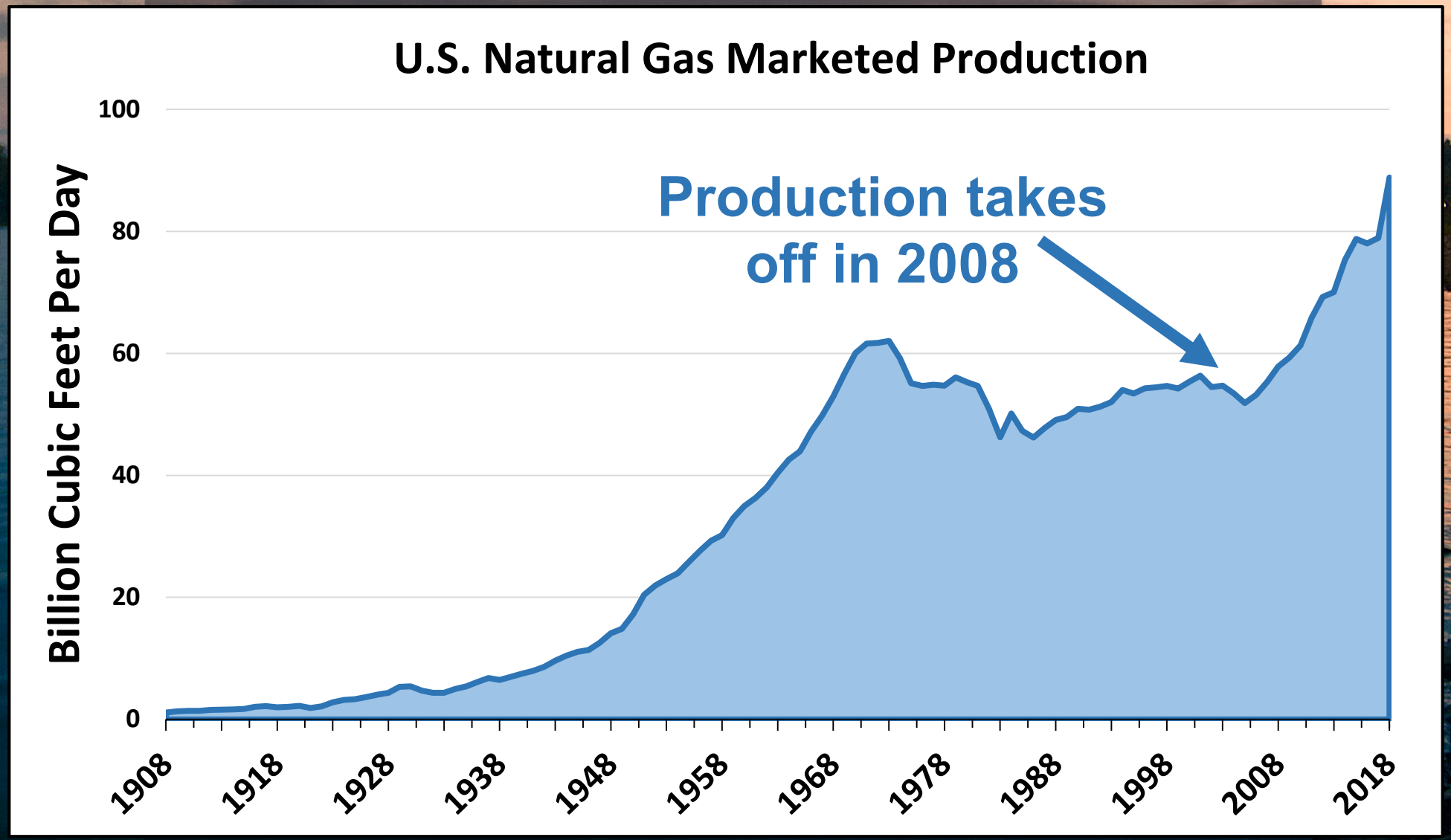


Construction of the First Cross Country Pipeline - During WWII

The Age of Long Haul Pipelines & Hydraulic Fracturing

Early Hydraulic Fracturing - Late 1940's- Halliburton

Record U.S. Natural Gas Production:



Source: EIA.gov

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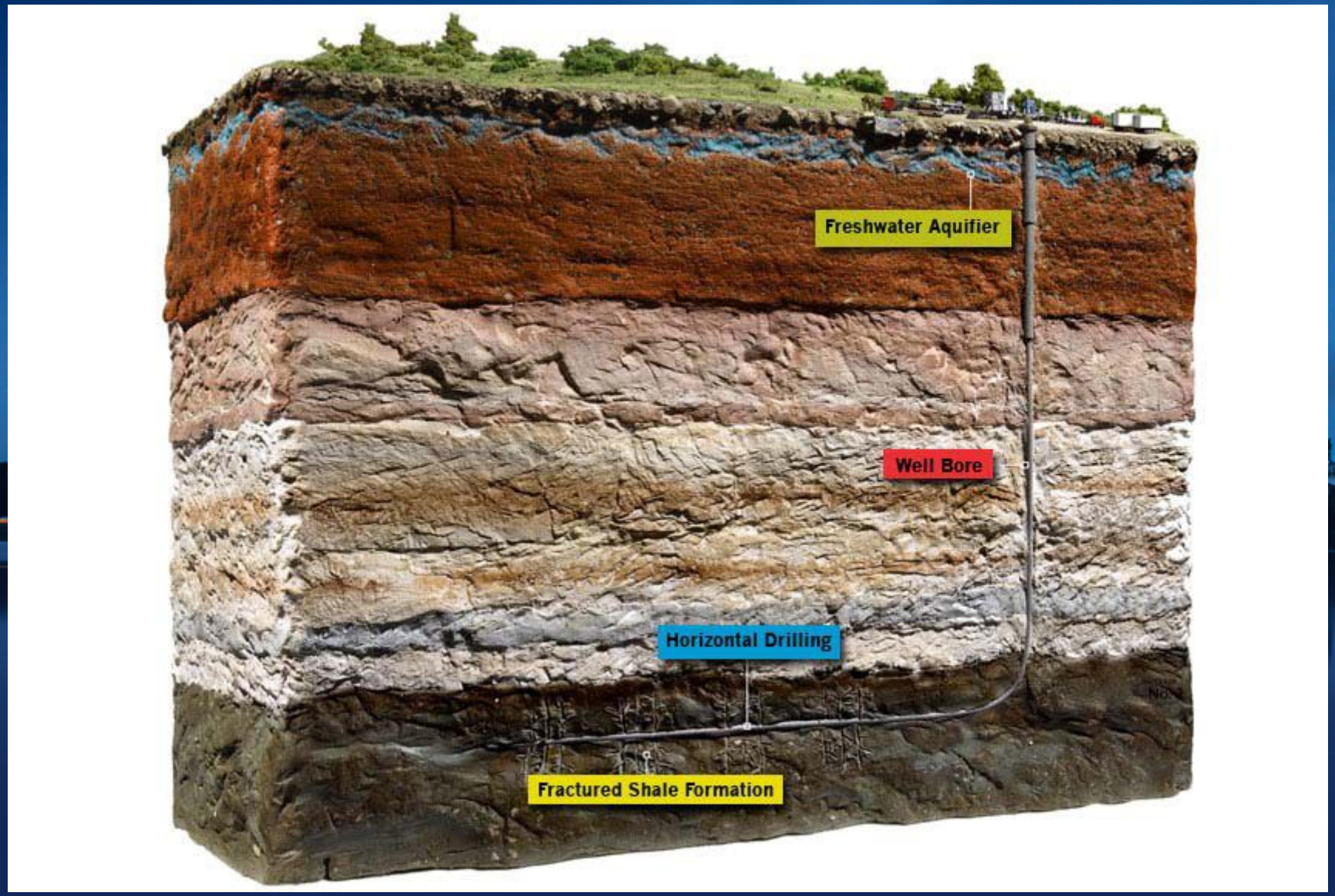
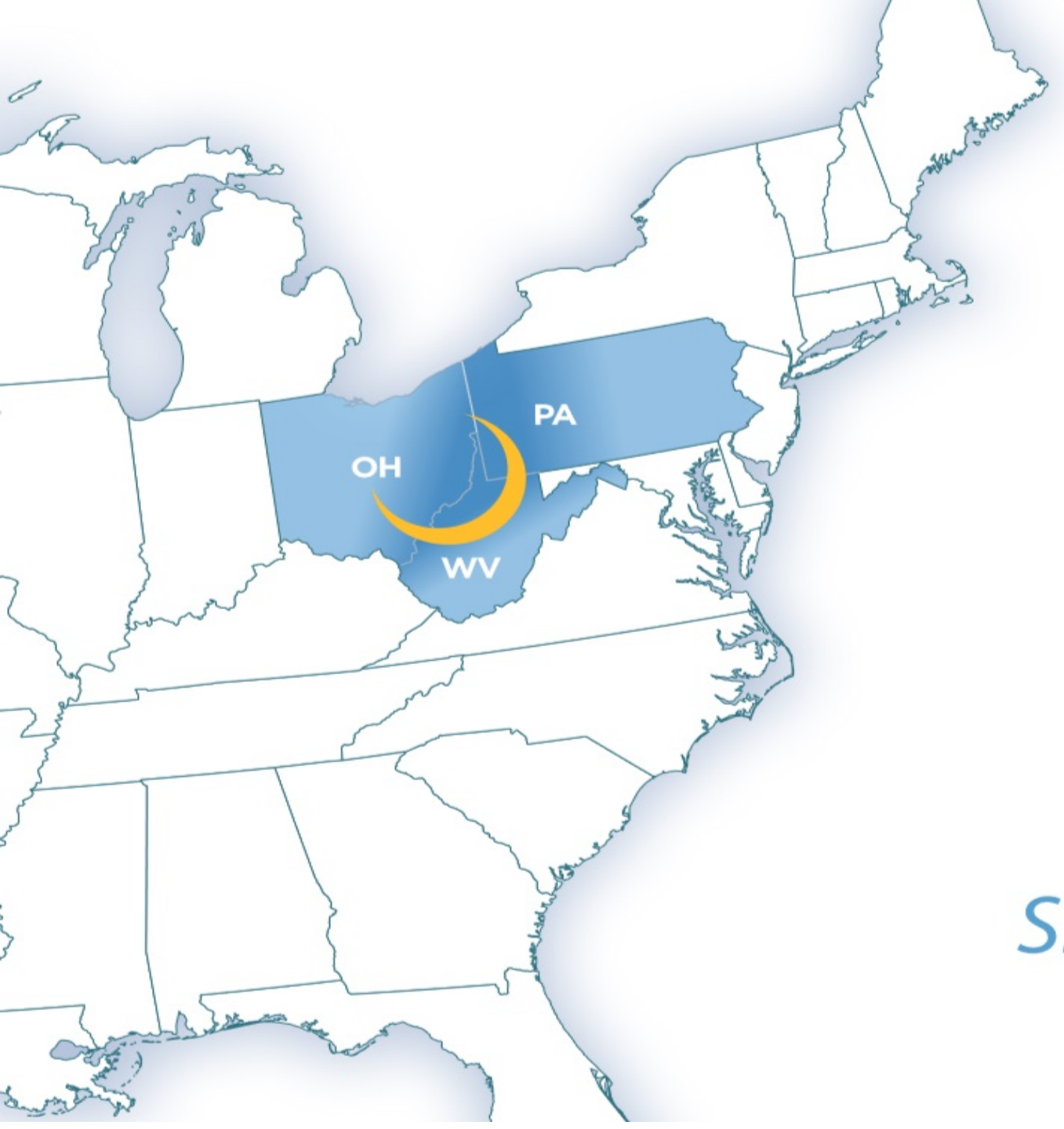
What once was can be again.
But Better....

The Age of Horizontal Drilling:





PETROCHEMICAL PROFITABILITY =

Build on top
of the feedstock
+
Build in the
center of customers

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Petrochemical Profitability =

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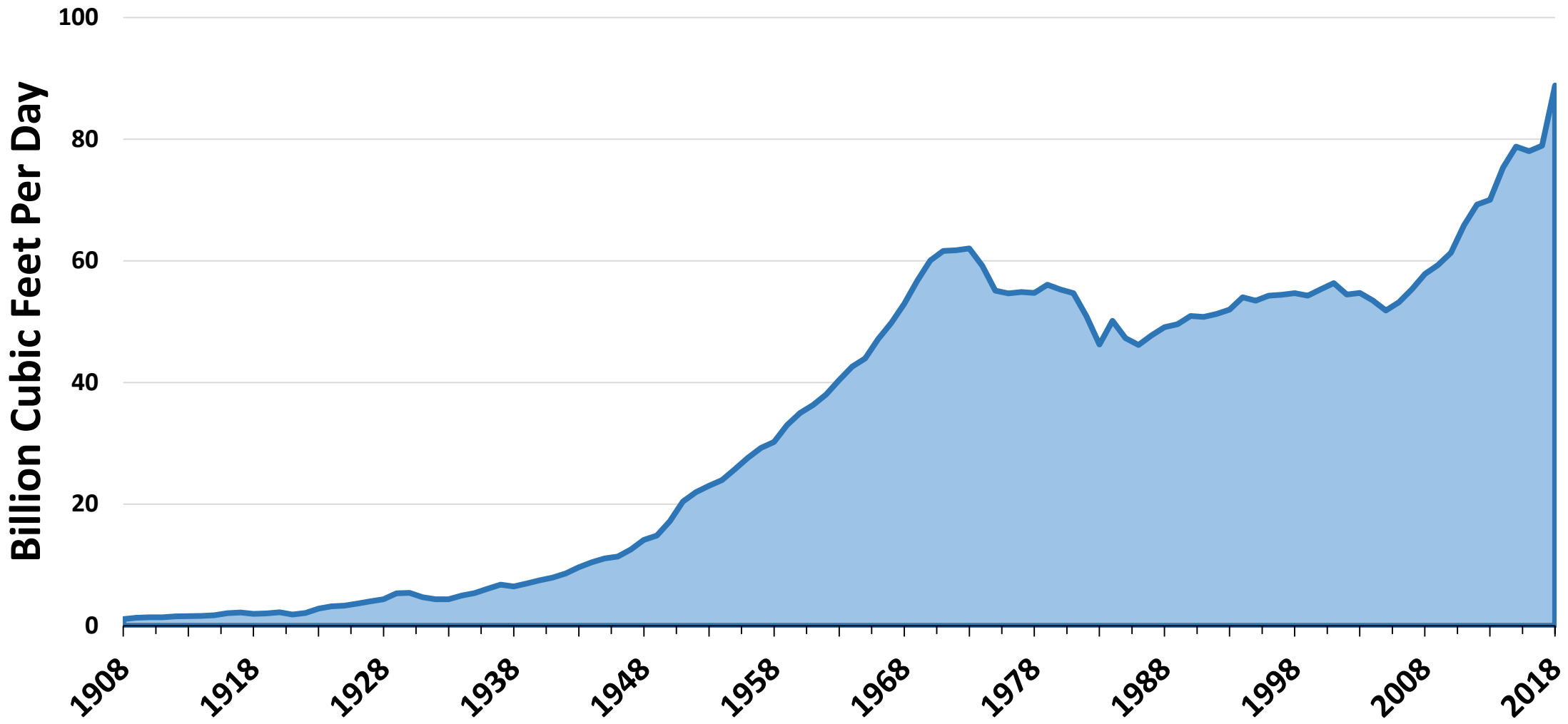
U.S. Natural Gas Marketed Production



Source: EIA.gov

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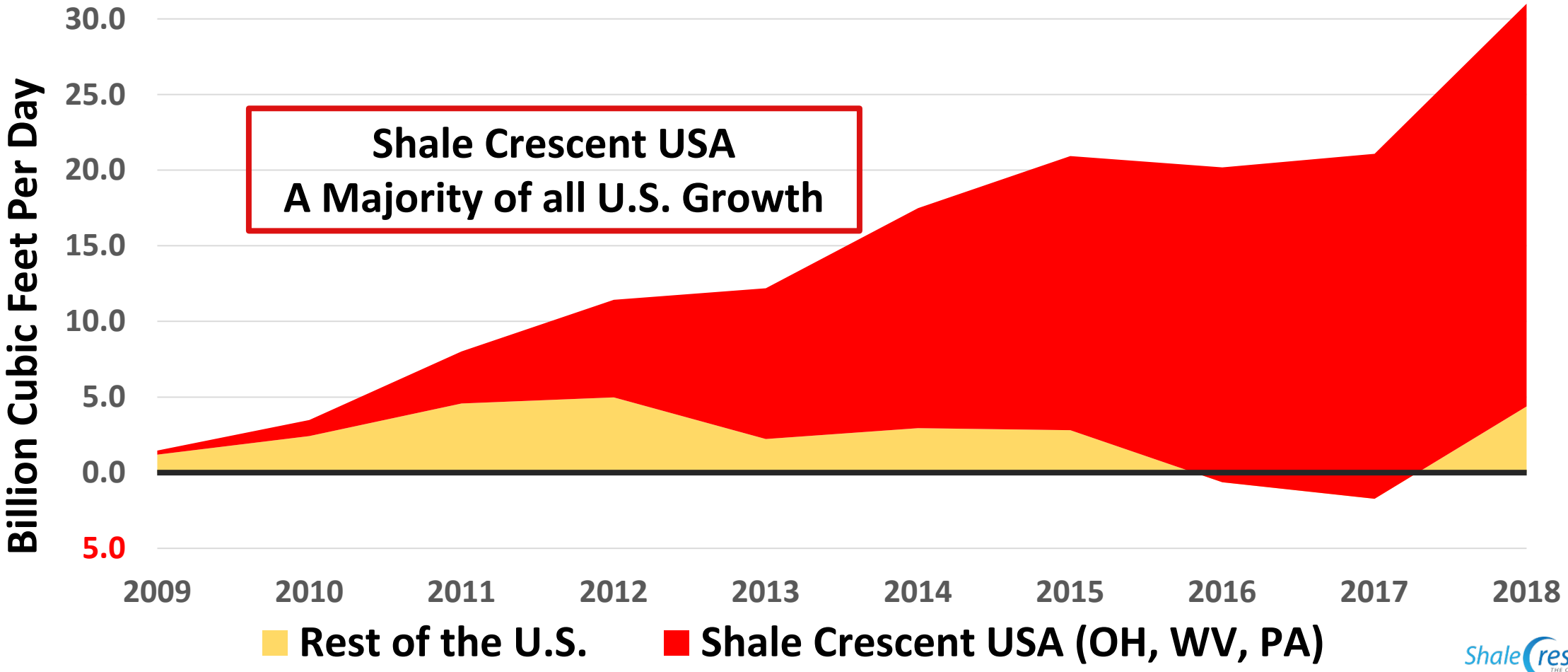
Growth in Marketed Natural Gas Production
2009 - 2018



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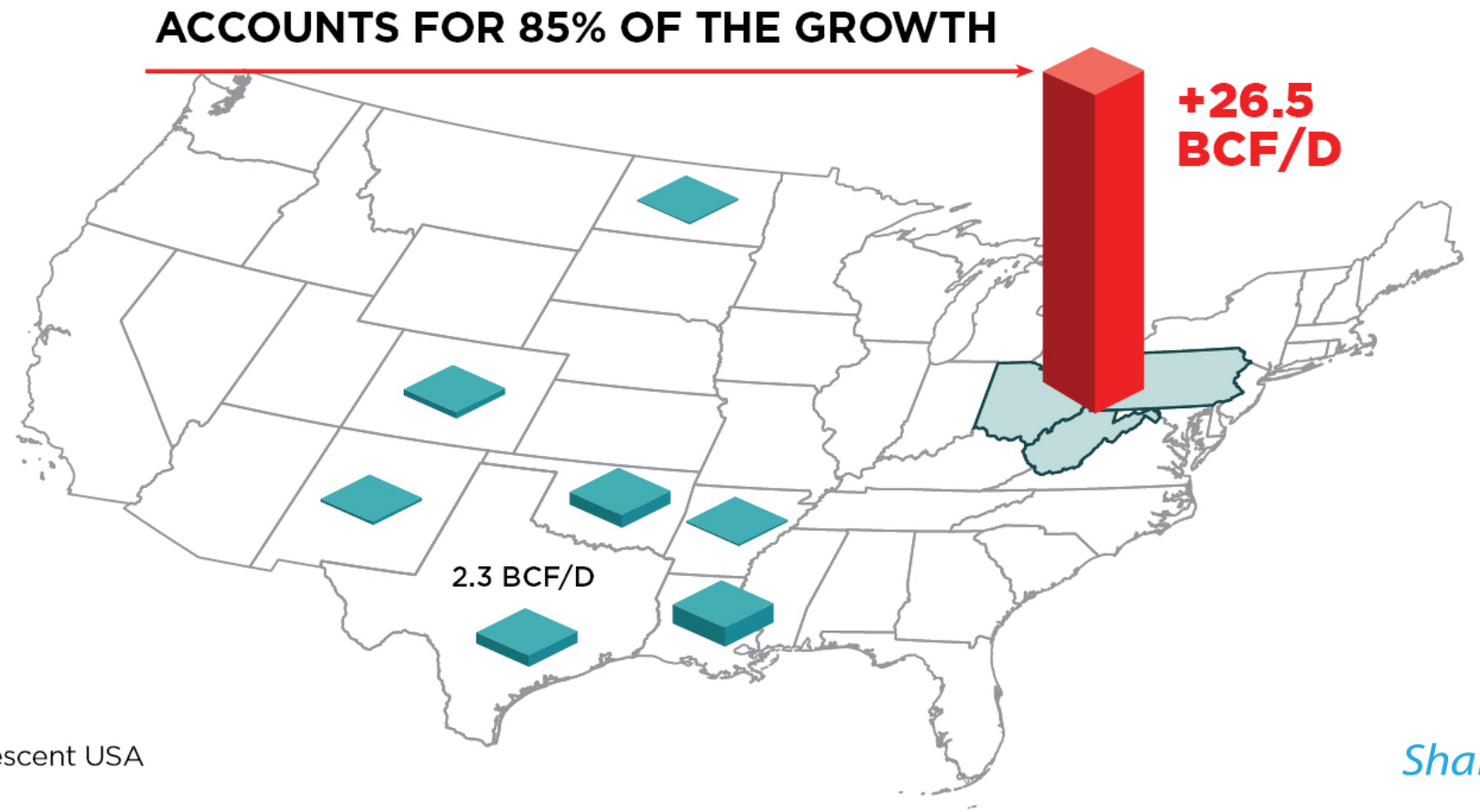
GROWTH IN MARKETED NATURAL GAS PRODUCTION 2008-2018



Source: EIA and Shale Crescent USA

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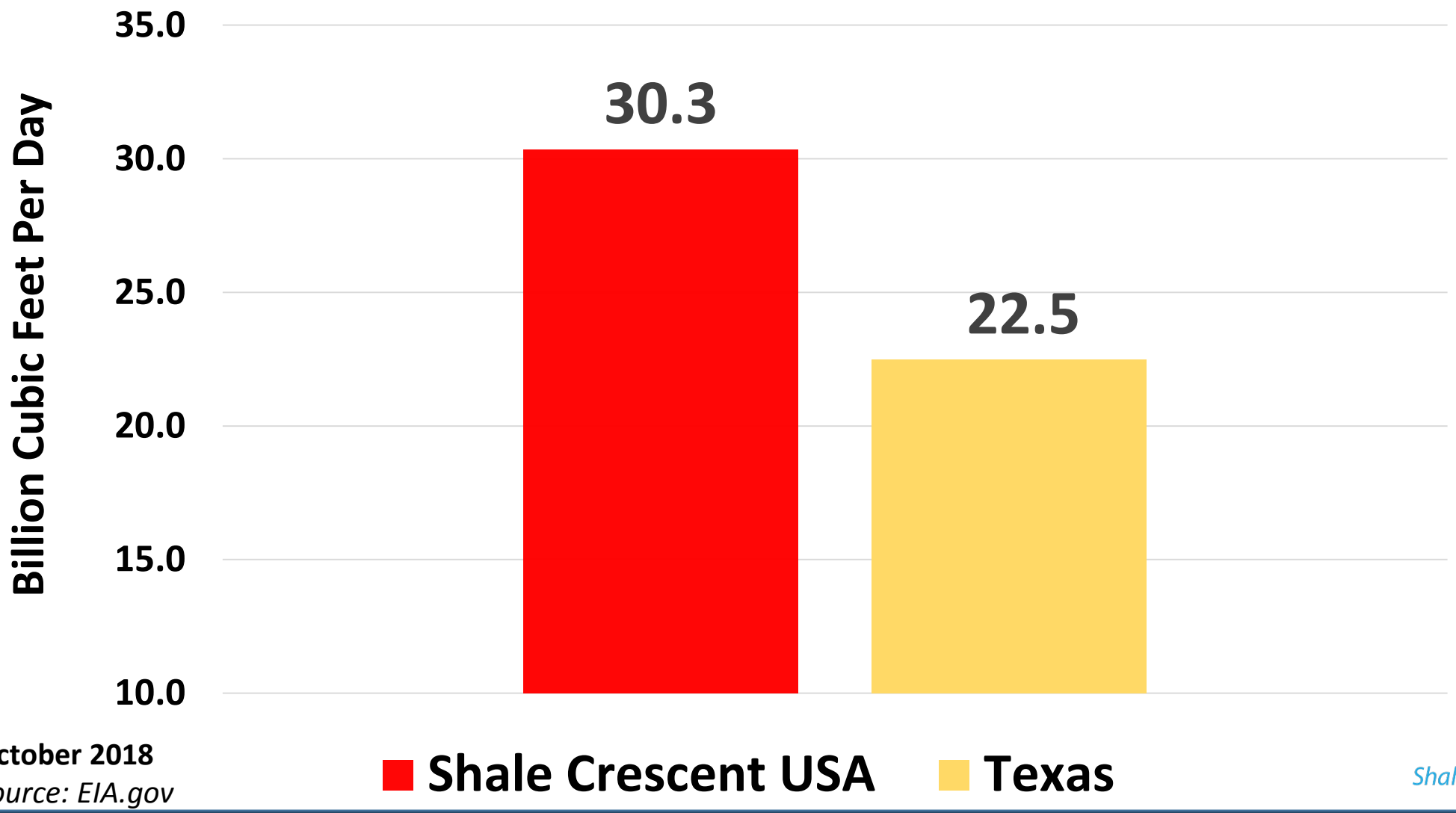
Marketed Natural Gas Production



October 2018

Source: EIA.gov

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Top Natural Gas Producers in the World

1st  USA

2nd  Russia

3rd  Shale Crescent USA

4th  Iran

5th  Qatar

6th  Canada

7th  China

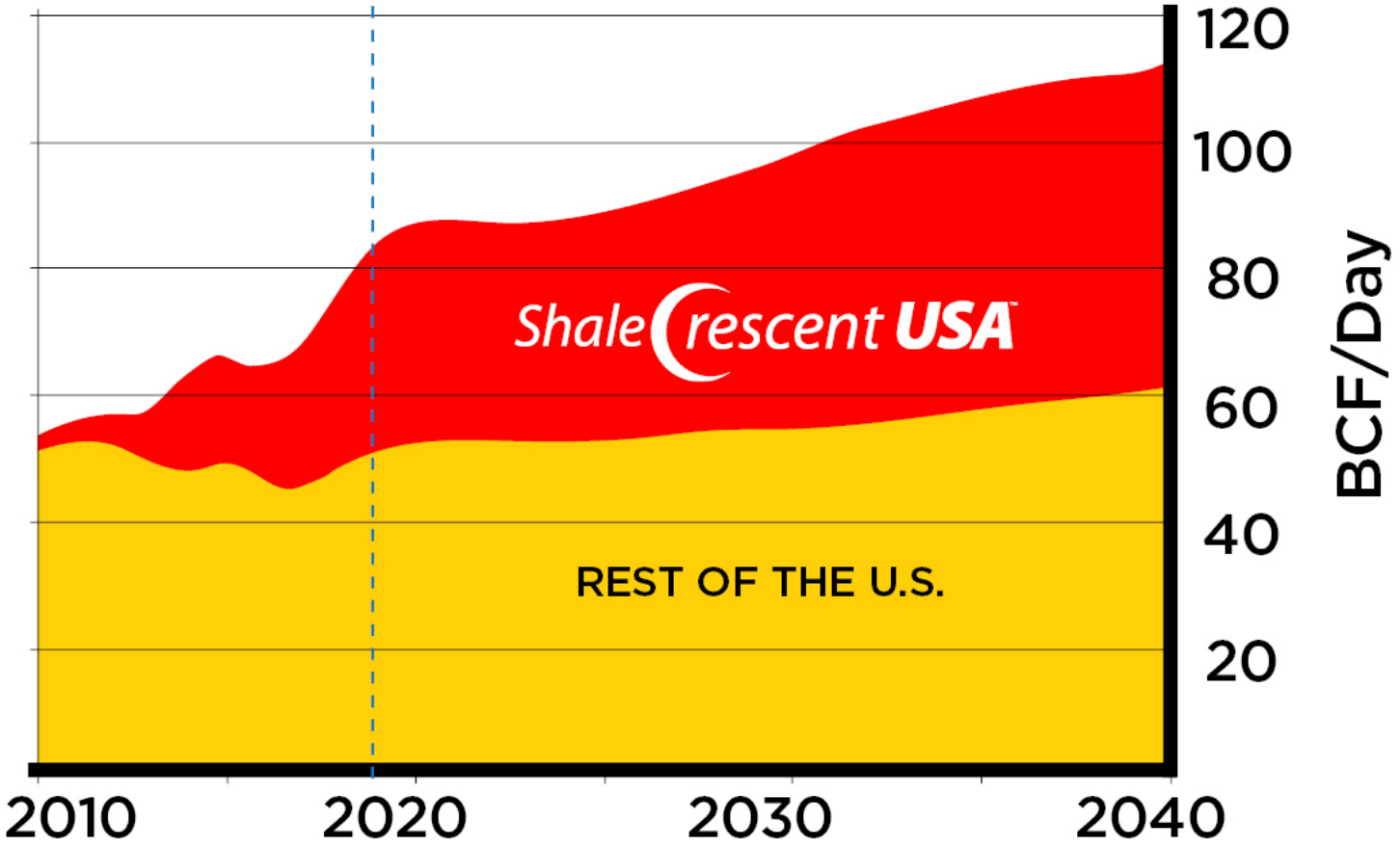
8th  Norway

9th  Saudi Arabia

10th  Algeria

Source: Deloitte and Shale Crescent USA

NATURAL GAS PRODUCTION



*Source: IHS Markit

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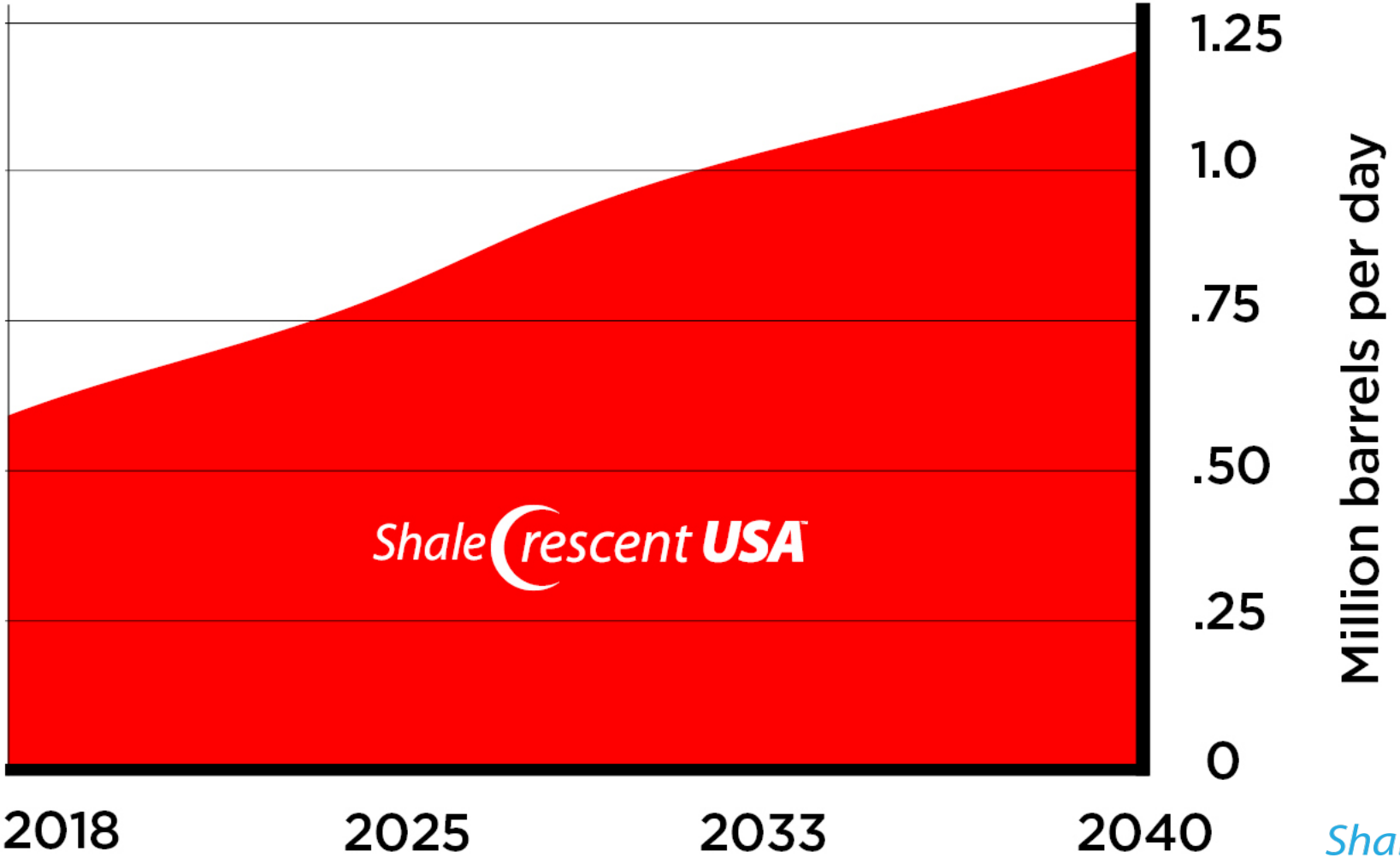
NATURAL GAS LIQUIDS PRODUCTION



*Source: IHS Markit

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Petrochemical Profitability =

Build on top of the feedstock

+

Build in the center of customers

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MARKET PROXIMITY

*Source: IHS Markit

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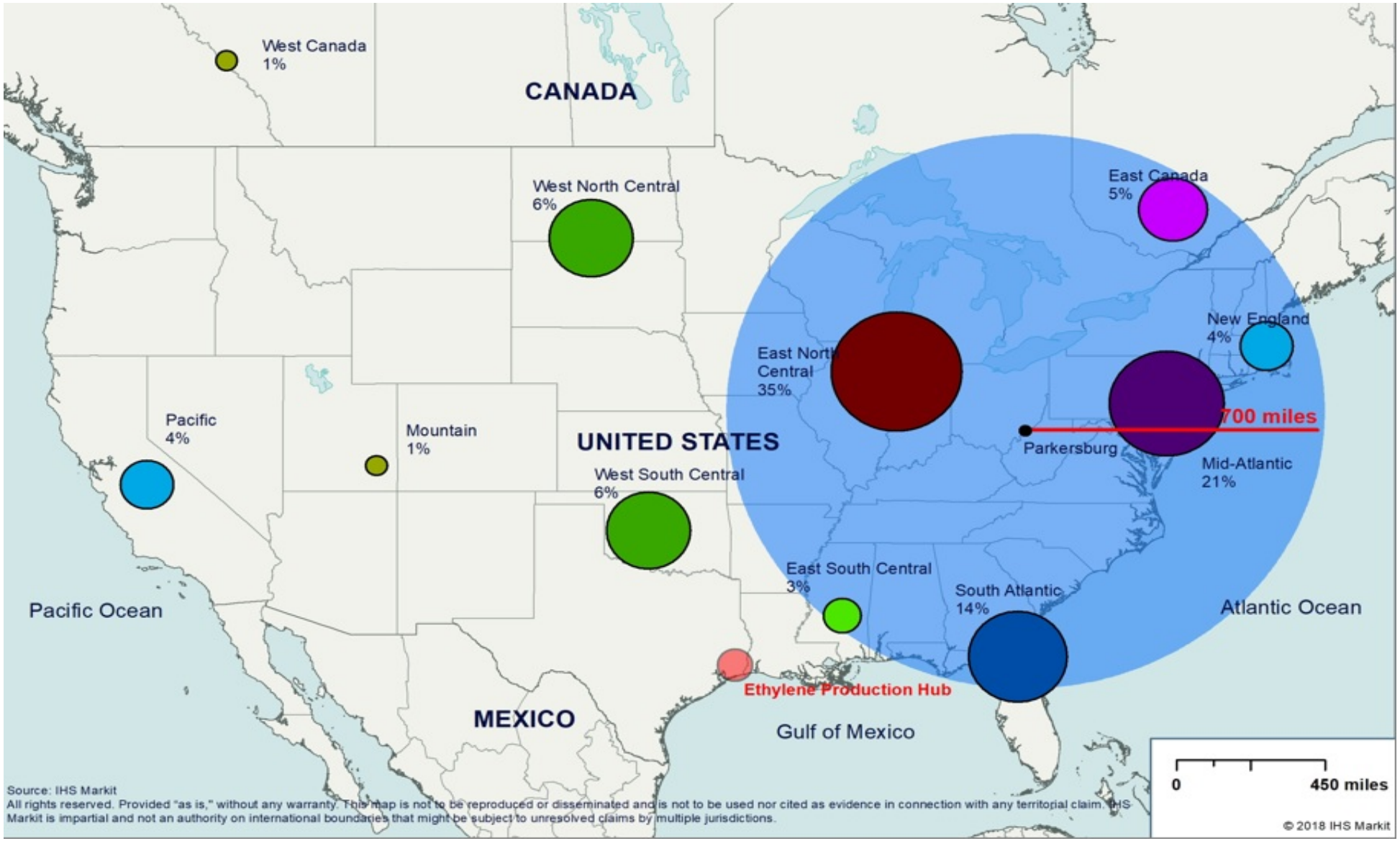
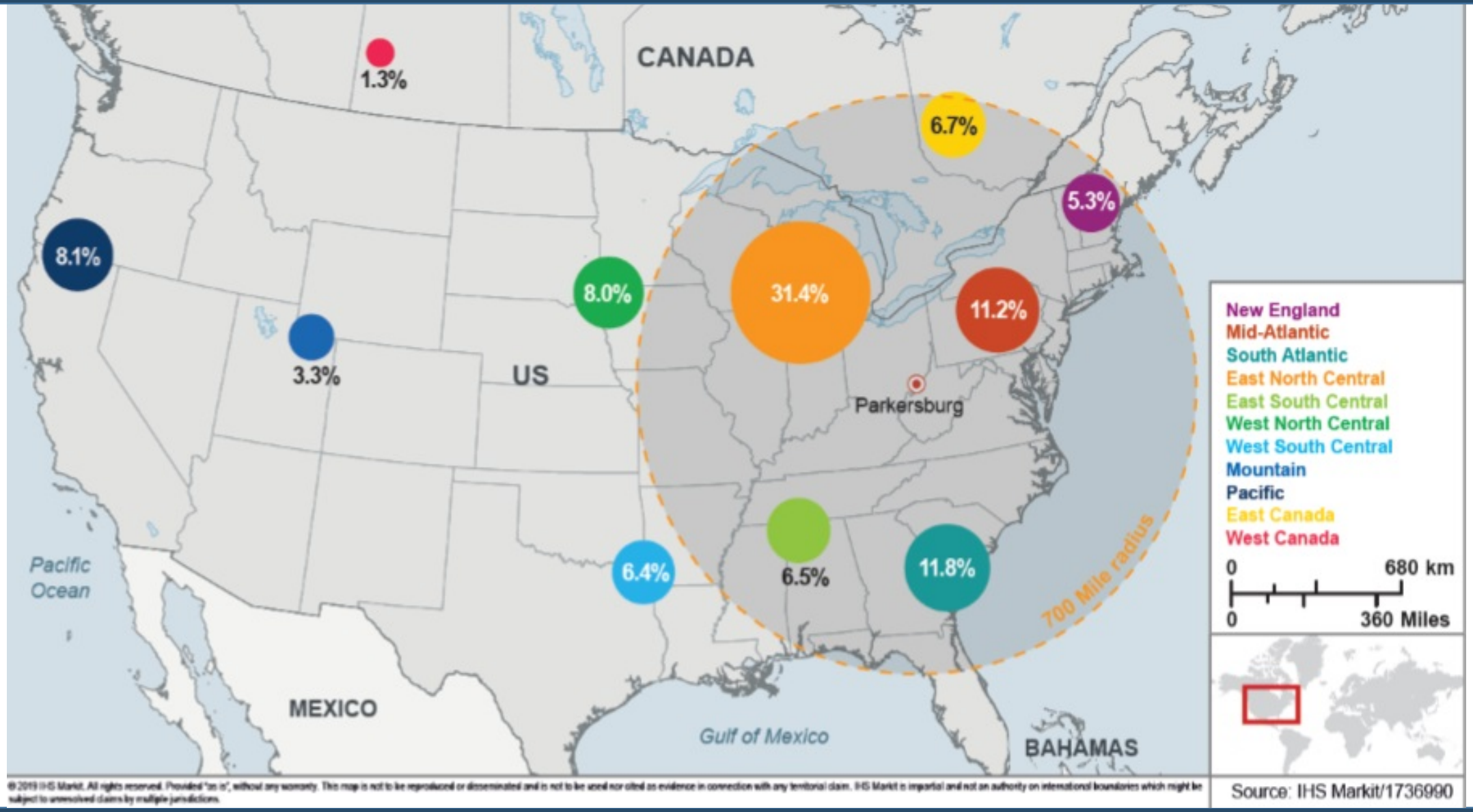
Polyethylene Demand:



Polypropylene Demand:



Petrochemical Profitability =

Build on top of the feedstock

+

Build in the center of customers

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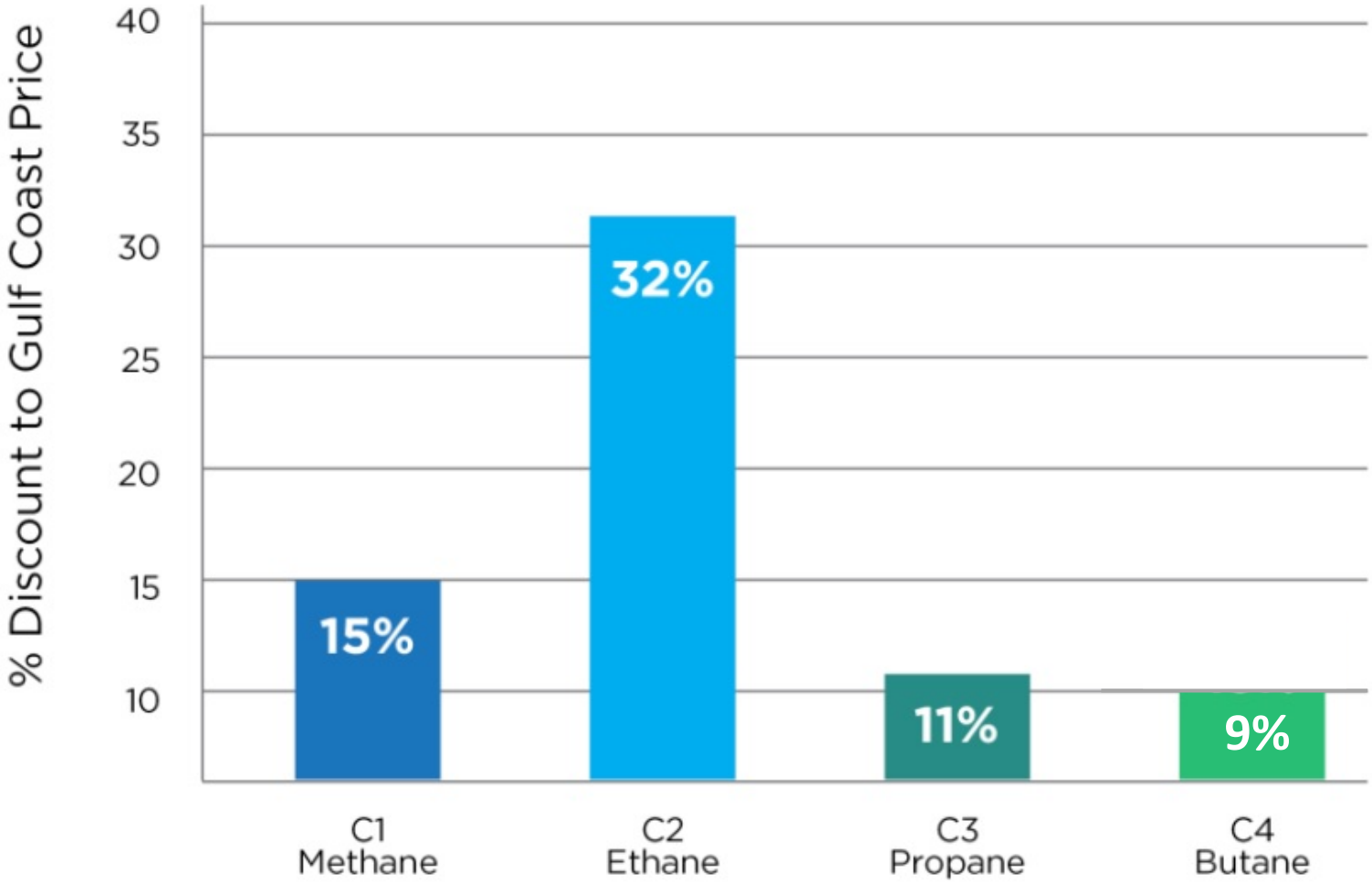
THE OHIO VALLEY ENERGY ADVANTAGE

SHALE CRESCENT USA PURCHASED FEEDSTOCK ADVANTAGE OVER GULF COAST



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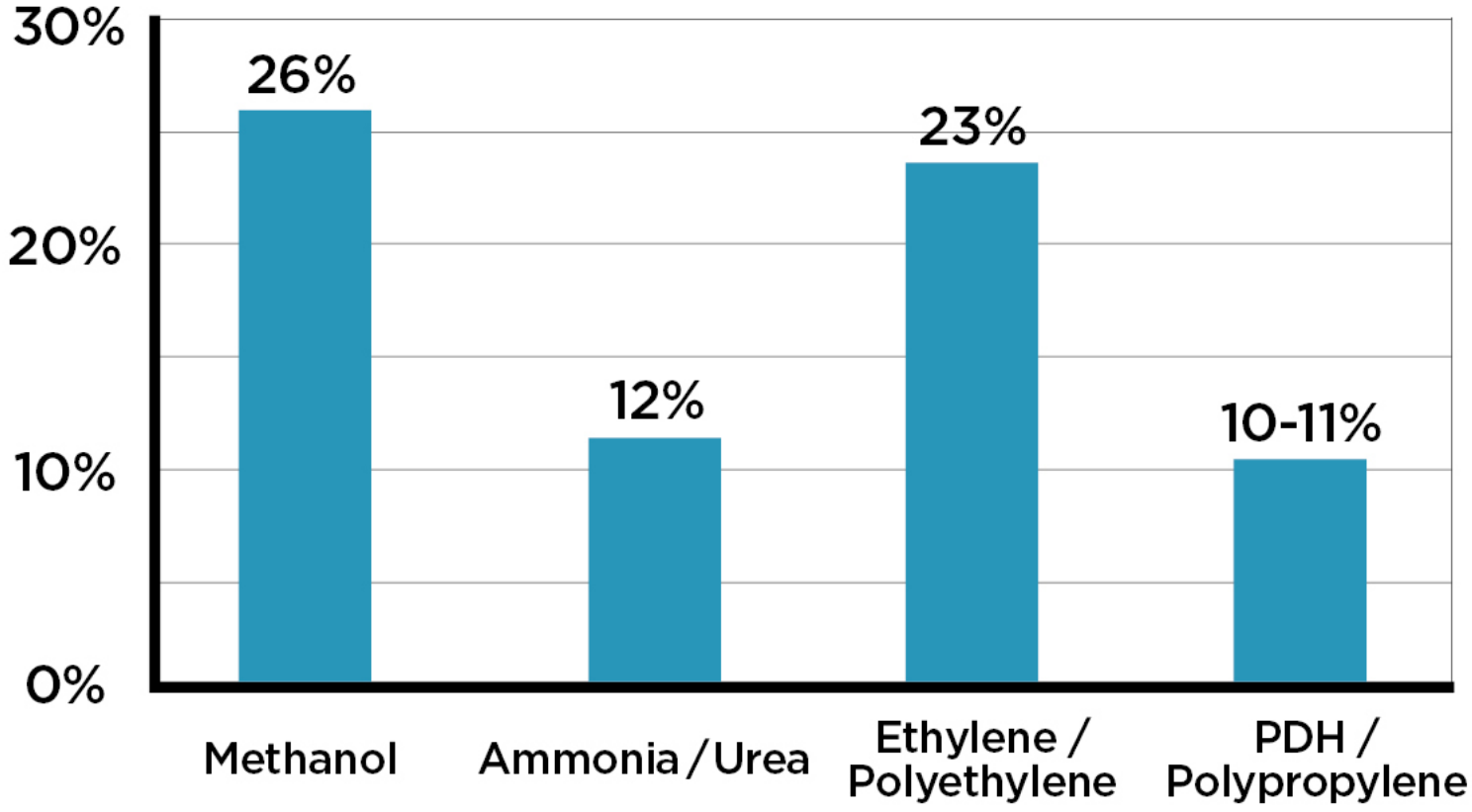
SHALE CRESCENT USA
COST ADVANTAGE VS. U.S. GULF COAST

(WHEN DELIVERED INTO SCUSA MARKET)



*Source: IHS Markit

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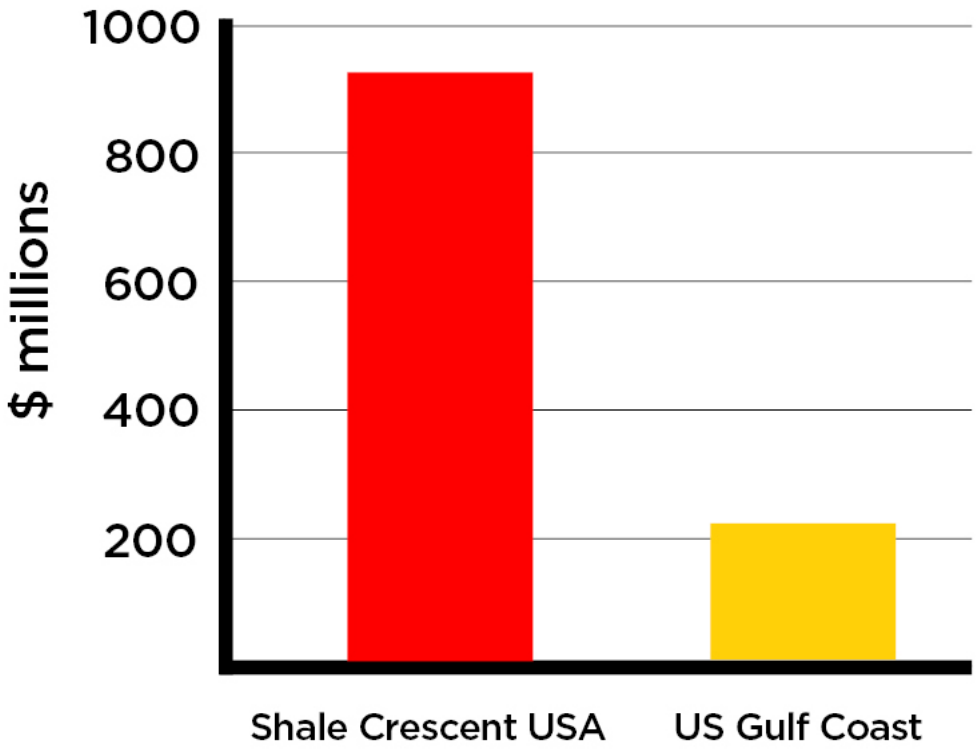
NET PRESENT VALUE IN 2020
SHALE CRESCENT USA VS U.S. GULF COAST

APPLYING A 15% DISCOUNT RATE



ETHYLENE/POLYETHYLENE FACILITY

*Source: IHS Markit

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Petrochemical Profitability =

Shale Crescent USA

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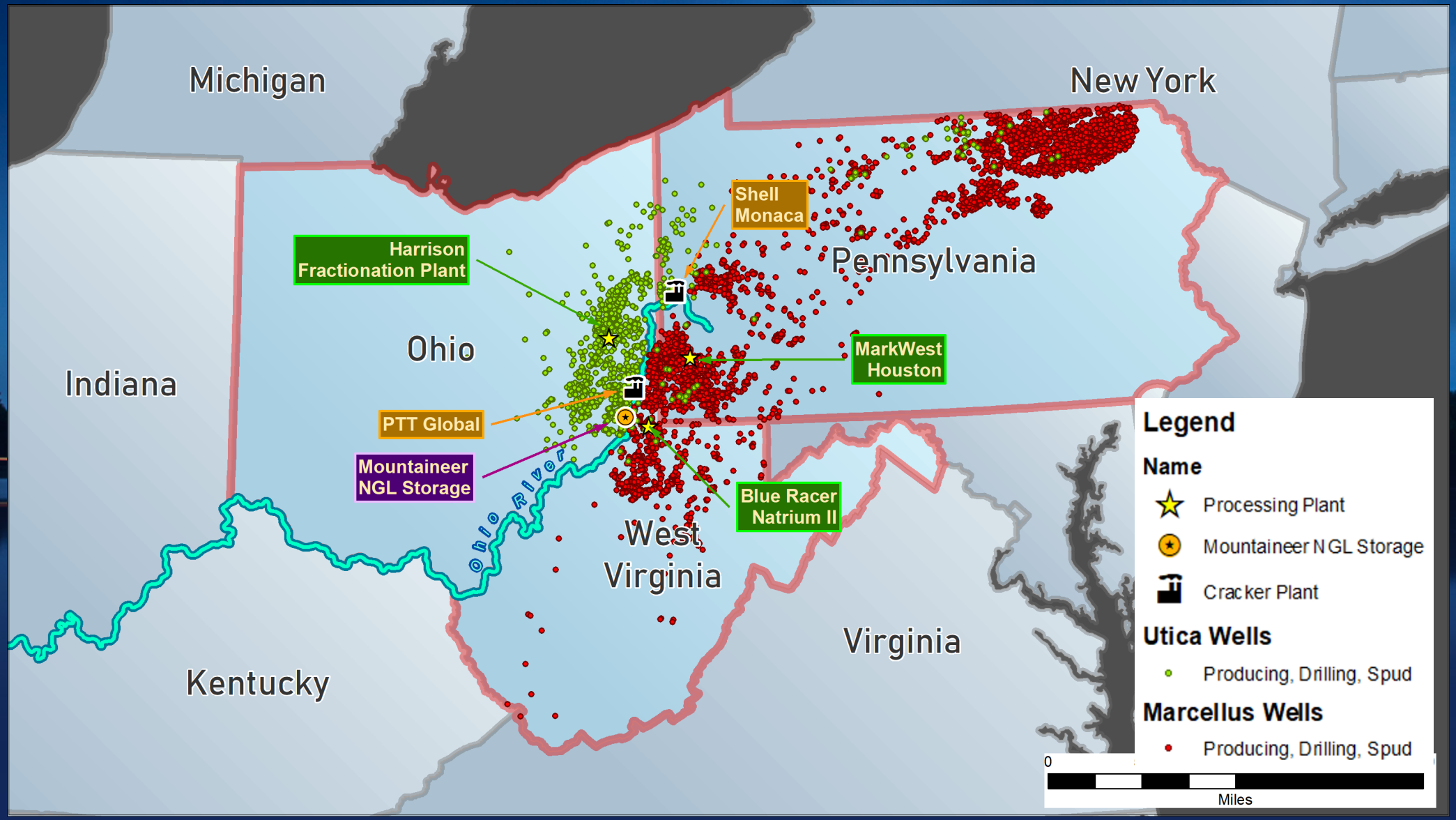
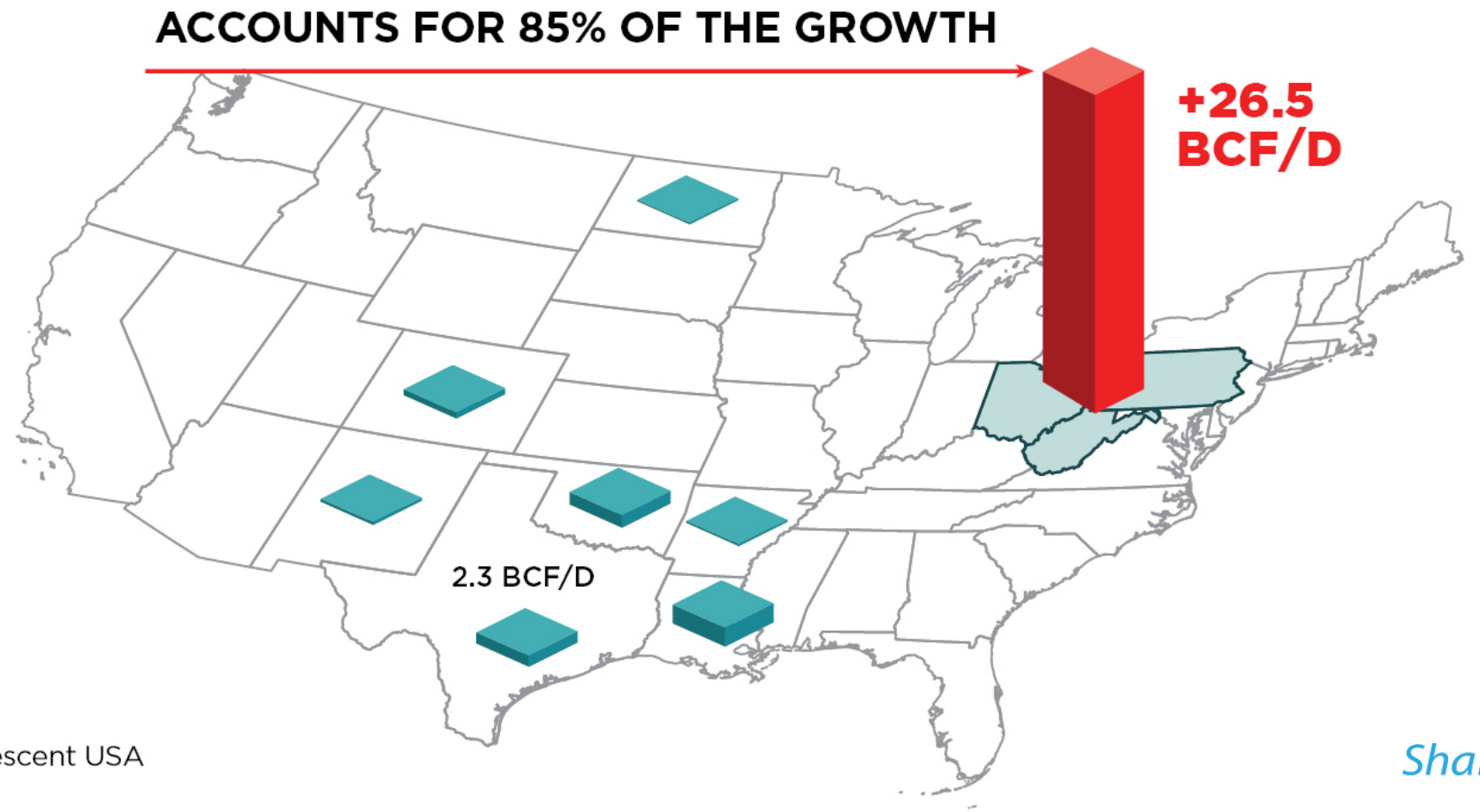
Location Advantage:



Shipping Advantage:

GROWTH IN MARKETED NATURAL GAS PRODUCTION 2008-2018



Source: EIA and Shale Crescent USA

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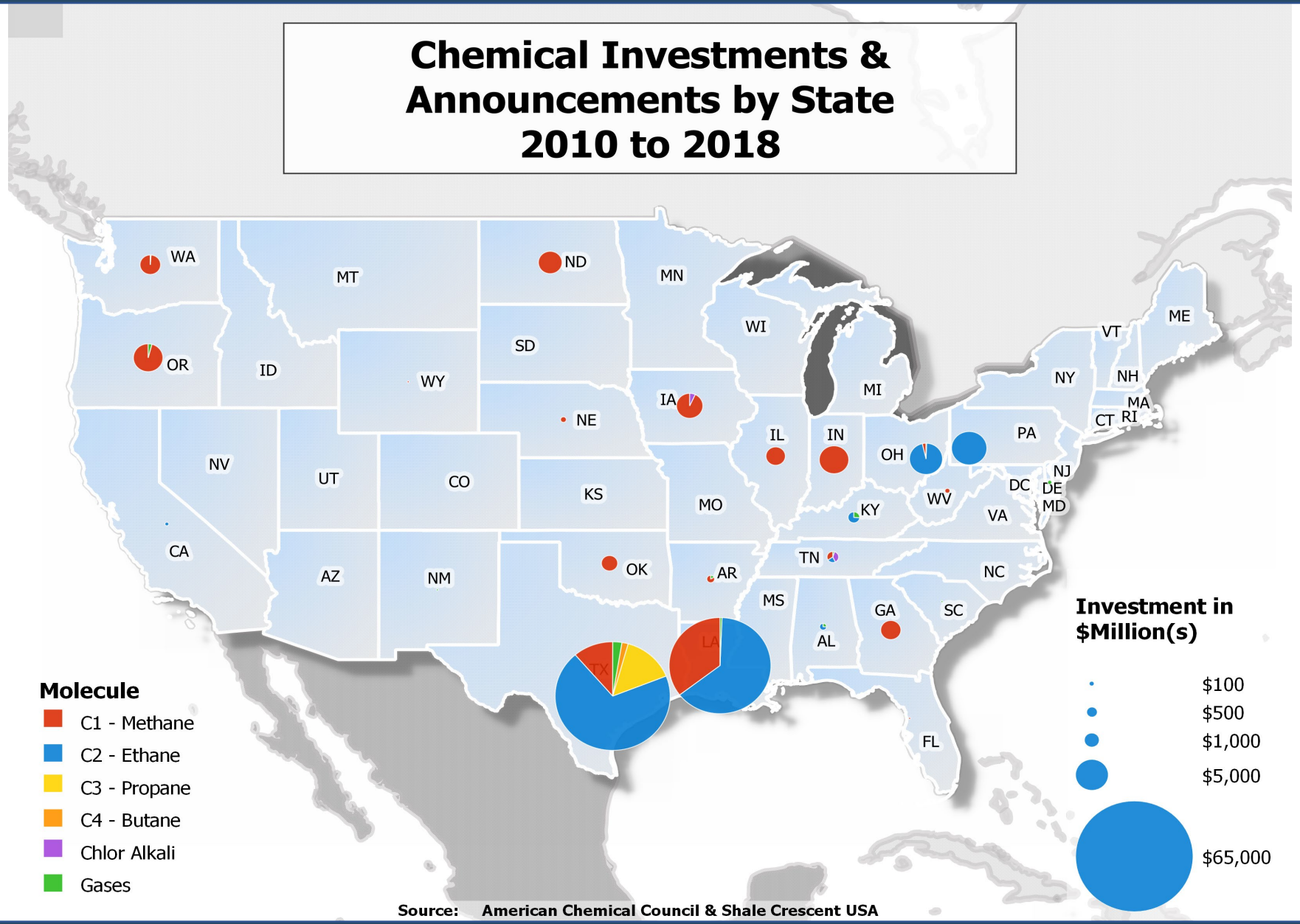
Chemical Investments & Announcements by State 2010 to 2018



Source: American Chemical Council & Shale Crescent USA

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What Can We Do?

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Use the Brand!!!

Print Media: 275 Million Impressions

THE WALL STREET JOURNAL.

Forbes

Global Trade MAGAZINE

Bloomberg TELEVISION

Chemical Week IHS Markit

The Economist

DAILY NEWS NEW YORK

Newsmax

World Oil®

YAHOO! FINANCE

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Live Media: Over 160

- Presentations
- TV Interviews
- Radio Interviews

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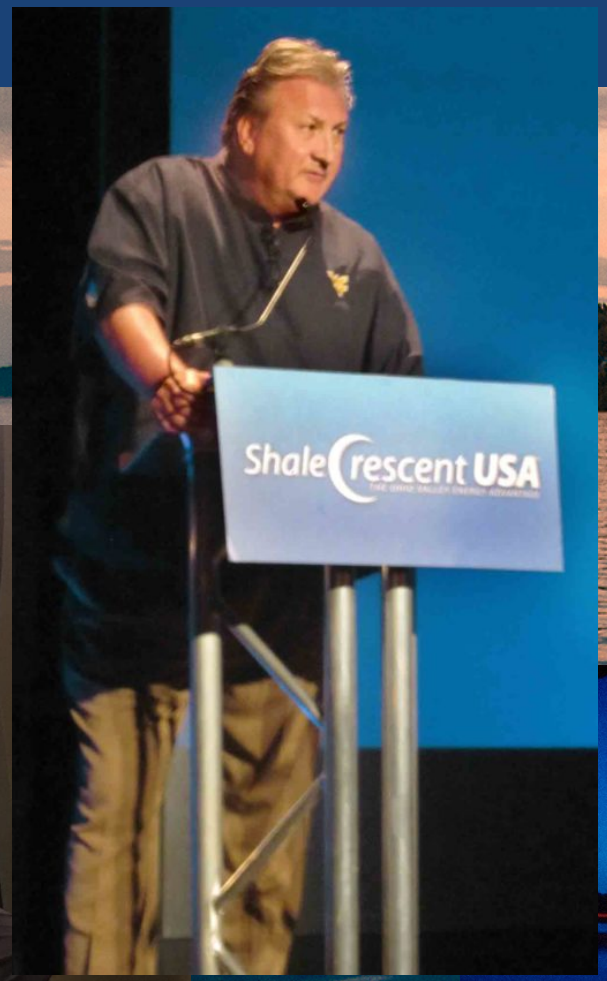
Events:


ShaleCrescentUSA.com
888.529.1650


IHS Markit
WPC2017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Jim Tressel
@JimTressel5
Follow
Shale Crescent USA event in Marietta OHIO, People's Bank Theatre. Thanks Congressman Bill Johnson for the invite!


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Expect Success

What if you could? How might that look?

World Petrochemical Conference:

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Awareness:

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Time for Action

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New Study

October 2019

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Thank You

Mark Schwendeman: Chairman and Co-Founder

Jerry James: Vice Chairman and Co-Founder

Greg Kozera: Sales and Marketing Director

Nathan Lord: Business Manager

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