Dando Vida a Vaca Muerta y su potencial productivo: *Como potenciar la experiencia de Texas.*
Oil & Gas Activity Intense Enough to Be Seen From Space

Source: NASA, 2016
Above Ground Factors Matter Enormously

Change in Oil Production, 2007-2016

Source: BP Statistical Review, Baker Institute analysis

“Above ground” issues account for about 80% of the total negative production change volume.
Infrastructure
The Scale of The Logistical Challenge

Long-Lateral Permian Oil Well Inputs and Outputs Weigh ~405,000 metric tons

**Per Well**

- Produced water: Over 250,000 metric tons
- Frac source water: 76,000 metric tons
- Crude oil and liquids: 68,000 metric tons
- Pipe, sand, misc. consumables: Approx. 10,000 metric tons

60% taller than Alvear Tower in Buenos Aires.

Empire State Building Weighs ~340,000 metric tons

~450 wells drilled per month

Source: CME Group, Empire State Realty Trust, FracFocus, TexasBrine.com

This analysis assumes 500,000 barrels of oil produced, with a water-to-oil ratio of 3:1. In many cases, wells will ultimately produce more oil and at a higher water cut.
Vaca Muerta Can’t Scale Up To Its World-Class Potential Without Major Transport Infrastructure Investments

Midland County is only about 1/24th the land area of Vaca Muerta, yet is likely producing 4X as much oil & liquids.

Source: GADM, Texas RRC, YPF, World Oil
Road Damage and Dangers

Source: Axios, NPR, YouTube screen captures
Oil & Gas Pipelines

Liquids

Equal to about 41% of Argentina’s daily gas consumption in 2016.

Natural gas

Source: BP Statistical Review, Kinder Morgan, Plains All-American
Water Pipelines Critical Too

This pond can hold enough water to submerge La Bombonera’s field under 22 meters of water.

This pipeline will be able to move 2,000 truckloads per day of water.

Source: Google Earth, Parkhill Smith & Cooper, Wikipedia
Labor
Strong Labor Demand

Unemployment Rate in Midland, TX vs. U.S. Nationally

Permian Basin Crude Oil Production, Kbd
Midland Unemployment Rate
US National Unemployment Rate

Source: BLS, EIA
Massive Housing Shortages

If your employer is willing or able to pay

The Upsides

Create Jobs

Source: CBS7, Inside Energy

Major Boost in Local Revenues

Pecos, TX Sales Tax Collections vs. Liquids Production in Reeves County

Sales tax collections more than doubled in 3 years

Source: Texas Comptroller’s Office, Texas RRC
¡Muchisimas gracias por su atencion!