

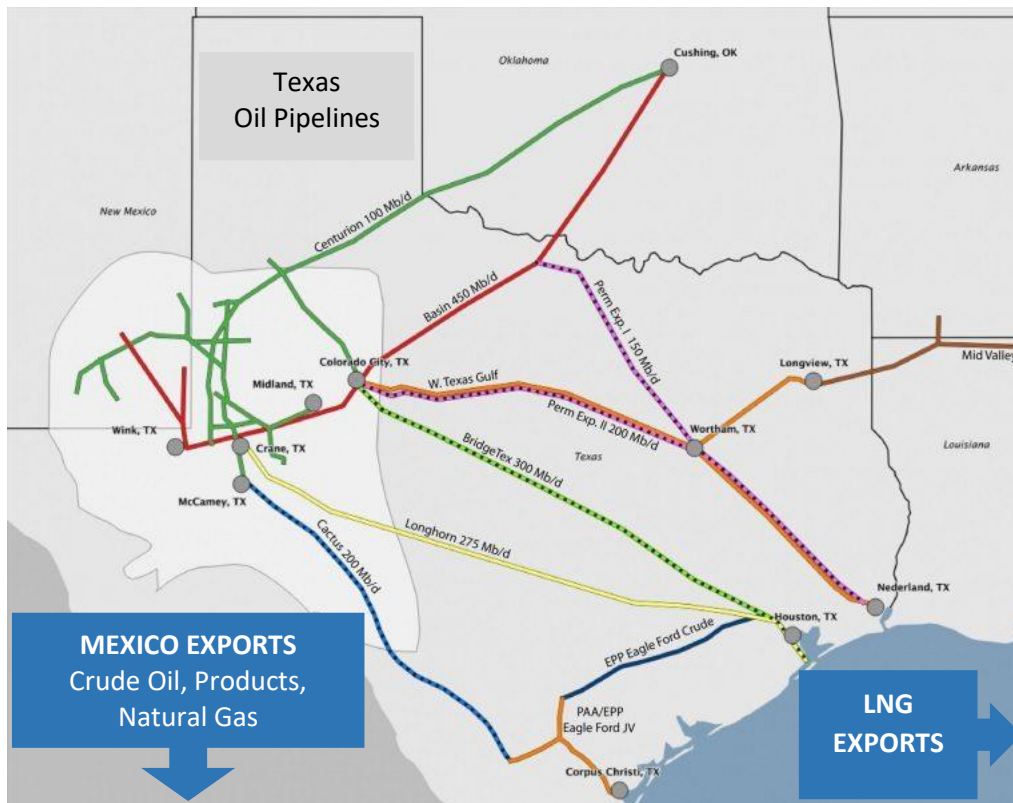
PERMIAN MIDSTREAM SUMMIT

Bottlenecks, Export Markets & Financing

Oil & Gas Producers, Energy Services, Midstream and Investors, one day, one room

Thursday, September 27TH 2018

The Houston Club, One Shell Plaza Building, 910 Louisiana St, 49th Floor, Houston, TX 770023



The **Permian Midstream Roundtable** brings together oil & gas producers, energy services & technology providers, midstream companies and institutional investors exchange perspectives on the future of the market.

Major topics include: midstream infrastructure bottlenecks, technical and operational challenges and financing needs. Participants will discuss the future of export opportunities for natural gas, crude oil and refined products. This is also a unique forum where seasoned energy investors identify and discuss opportunities in the oil & gas sector in this exciting times for the industry in the region.

CORPORATE PARTNERS



MACQUARIE



MEXICO PACIFIC LIMITED



Och-Ziff Capital Management Group



WHY A PERMIAN BASIN MIDSTREAM SUMMIT NOW?

Permian Basin Supply Constrains & Export Opportunities

- The Permian Basin is experiencing severe transportation bottlenecks that will be forcing producers to curtail their future production until additional transportation capacity is available
- Most projects targeting the Gulf Coast refining and export market rather than cross-border consumers
- Additional private capital would be required on build new export infrastructure beyond existing projects
- With adequate infrastructure, Mexico represents an untapped opportunity for most Permian producers

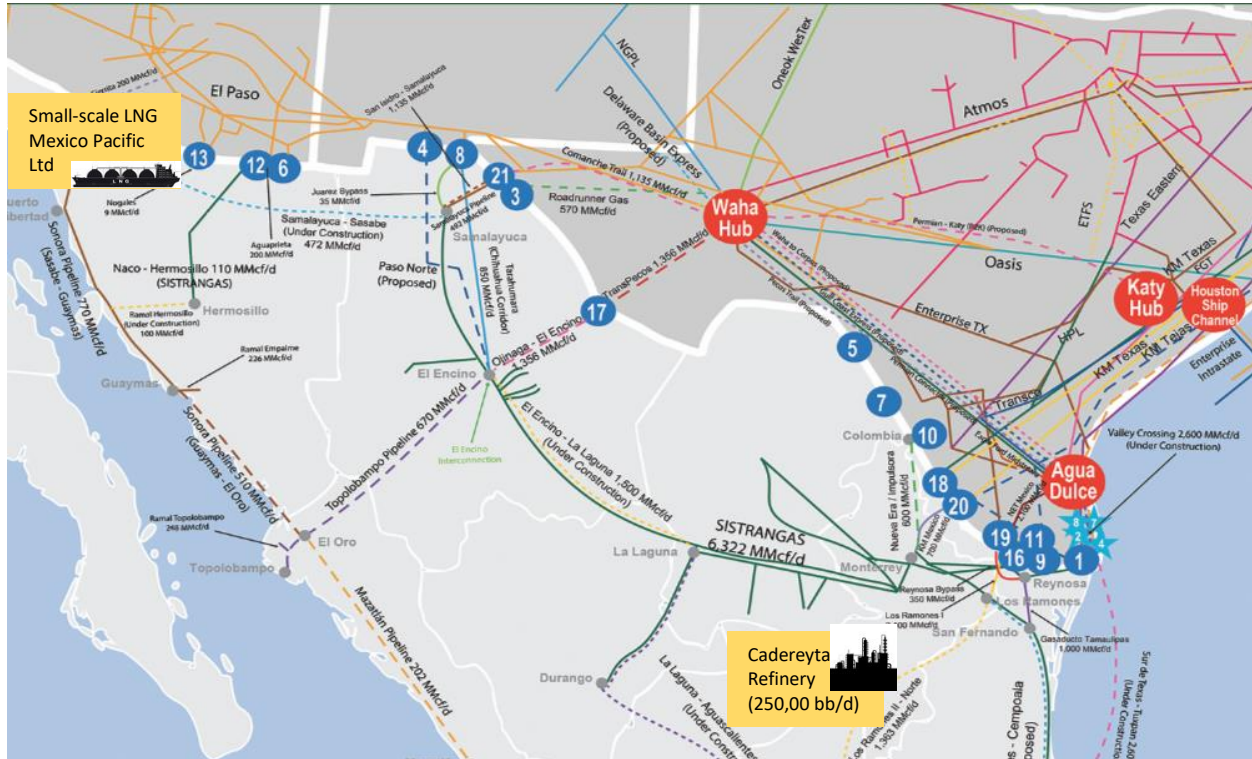
Cross-Border Export Opportunity

- Natural Gas: Limited pipeline capacity from Waha Hub (e.g. RoadRunner, TransPecos, Comanche)
- Crude oil: No existing transportation available for Permian crude oil into Mexico’s refining market
- Greenfield LNG export projects departing from the Pacific Coast (e.g. MPL)
- Pemex’s Cadereyta refinery

Deal Flow, High-Level Networking

- Bringing together Producers, Services, Midstream and Institutional investors (public/private, debt/equity), in one day, in one room, to facilitate deal flow and business development.
- No press, private, by-invitation only

Untapped Cross-Border Export Opportunities



PRELIMINARY AGENDA

- 11:00pm – 11:30pm Registration and Welcome Remarks
- Eliecer Palacios, Managing Partner, [PetroRock Energy](#)
- 11:30pm – 12:30pm **Upstream Assets Valuation Review – Permian and Eagle Ford**
- Institutional Investor and Producer’s Perspective
 - Public vs Private investments, activity in the A&D market
 - What are the risks in a sub \$50/bbl scenario?
 - Eagle Ford Economics is there still value?
- Confirmed Companies:
- Brian Sheffield, CEO, [Parsley Energy*](#)
 - TBD, [Carrizo Oil & Gas*](#)
 - Tim Dove, President & CEO, [Pioneer Natural Resources*](#)
 - Darin Holderness, Former CFO, [Concho Resources](#)
 - Shaia Hosseinzadeh, Managing Partner, [OnyxPoint Global*](#)
- 12:30pm – 1:30pm *Lunch Break*
- 1:30pm – 2:30pm **Permian Midstream Round Table**
- Current bottlenecks
 - Price differentials (Midland/WTI; Waha/Henry Hub)
 - Exports to Mexico
- Confirmed Companies:
- Clay Bretches, CEO, [Sendero Midstream](#)
 - Santiago Garcia, CEO, [Santa Fe Gas](#)
 - Brennan Higgins, Managing Director, Commodities, [Macquarie Energy](#)
 - Rodney Malcom, CFO Americas, [Trafigura](#)
- 2:30pm – 3:30pm **Commodity Export Market**
- Challenges and opportunities in existing projects
 - Asian market demand
 - Mexico supply market
- Confirmed Companies:
- Josh Luftus, CEO, [Mexico Pacific Limited](#)
 - Martin Houston, Vice Chairman, [Tellurian](#)
 - Dylan Seff, Co-Head of Trading Americas, [Vitol](#)
 - Neal Shear, Director, [Cheniere Energy *](#)

3:30pm – 4:00pm *Coffee Break*

4:00pm – 5:00pm **Mexico Export Market: A close partner for Permian crude and natural gas**

- Review of existing midstream infrastructure and future projects
- Is Pemex a client for Permian crude oil?
- Outlook for US refined product exports
- In land transportation challenges and opportunities

Invited Companies:

- David Madero, Director, **CENAGAS**
- Guillermo Zuñiga, Commissioner, **National Regulatory Commission**
- Aldo Flores, Under-Secretary of Hydrocarbons, **Energy Ministry**
- Ramiro Castro, Head of Mexico Energy Trading, **Macquarie Energy**

5:00pm – 6:00pm **Financing of Midstream Infrastructure**

- Mezzanine and equity financing
- Future of MLP market
- IPO market

Invited Companies:

- Doug Kimmelman, Senior Partner, **Energy Capital Partners***
- Jeff Bartlett, Managing Director, **HPS Investment Partners**
- Nichole Jasper, Managing Director, **Macquarie Energy**

6pm- 8pm *Networking Cocktails*

** To be confirmed*

Pricing

General Admission: \$1,000/Person
- 3+ delegates \$ 750/Person
Limited Partners: No Fee

Energy Companies Invited (C-level, Business Development & Commercial)**Upstream**

Abraxas Petroleum
Admiral Permian Resources
Anadarko Petroleum
Apache Corporation
Approach Resources
BHP Billiton
Brinham Exploration
Cabot Oil & Gas
Callon Petroleum
Carrizo Oil & Gas
Centennial Resources
Chesapeake Energy
Cimarex
Contango Oil & Gas
Concho Resources
CrownQuest Operating
Devon Energy
Diamondback Energy
Eagle Oil & Gas
Encana
Endeavor Resources
EnerVest
Energen Resources
EOG Resources
Exco Resources
Fasken Oil & Gas
Hannathon Petroleum
Henry Resources
Hess Corp
Jagged Peak Energy
Kimbell Royalty Partners
Laredo Petroleum
Limestone Exploration
Lilis Energy
Matador Resources
Occidental Petroleum
Parsley Energy
PDC Energy
Pioneer Natural Resources
RSP Permian

Sabalo
Sanchez Energy
Silverback Exploration
Silverbow Resources
SM Energy
Sundance Energy
Surge Energy
Three Rivers Operating
Venado Oil & Gas
Vitruvian Exploration IV ^ε
Wildhorse Resource
Development
WPX Energy
W&T Offshore

Midstream, Marketing & Trading

BP Marketing & Trading
Castleton Commodities
Cheniere Energy
Delek US
Freemont Commodities
GDF Suez
Glencore
Golar LNG
Golden Pass Products
Gunvor
Energy Transfer Partners
Keyera (Hull Terminal)
Kinder Morgan
Koch Supply & Trading
IEnova
Lukoil/Litasco
Mercuria Energy
Martin Midstream
Midland Basin Partners
Rimrock Midstream
Sempra Energy
Sendero Midstream Partners
Southcross Holdings
Summit Midstream Partners

Targa Resources
Tellurian
Trafigura
USD Group
Vitol
Whitewater Midstream
Williams

Energy Services

Basin Holdings
Basic Energy Services
BJ Services
Black Diamond Group
Chieftain Sand & Proppant
CES Energy Solutions Corp
Continental Intermodal Group
Core Laboratories
Distribution Now
EcoStim
Enerflex
Evolution Well Services
Gibson Energy
GlobeLTR
Halliburton
Hi-Crush
Independence Contract Drilling
Key Energy Services
Midland Basin Partners
National Oilwell Varco
Next Wave Energy Partners
Oilstates International
PLH Group
ProPetro Holding Corp
Rubicon Oilfield Services
Schlumberger
Select Energy Services
Source Energy Services
Superior Energy Services
Tetra Technologies
US Silica
WHC Energy Services

ε = Eagle Ford

Institutional Investors Invited (Partner, Principal, Portfolio Manager)

Alinda Capital	KKR	Tailwater Capital
American Capital & Infrastructure	Kelso & Co.	Temasek Holdings
Angelo Gordon	Kayne Anderson Capital Advisors	Tenaska Capital Management
Apollo Management	Kimmeridge Energy	TCW Direct Lending
Ares Management	Main Street Capital	The Jordan Company
Argus Energy Managers	Magnetar Capital	THL Partners
Apriori Capital Partners	L1 Energy	TPG
Avenue Capital	Leucadia National Corporation	TowerBridge
Arclight Capital Partners	Lime Rock Partners	Trilantic Capital Partners
Azimuth Capital Management	ManGLG	Turnbridge Capital Partners
BlackRock	Mubadala	Vortus Investments
Blackstone Energy Partners	Millennial Energy Partners	Warburg Pincus
Bayou City Energy	NGP Energy Capital Management	Willet Advisors
Caisse Depot et Placement du Quebec (CDPQ)	Metalmark Capital	WhiteDeer Energy
Citadel	OFS Energy Fund	Yorktown Partners
Clayton Dubilier & Rice	Olayan America	
Clearlake Capital	Old Ironsides	
CPP Investment Board	OnyxPoint Global	
CSL Energy	Owl Rock Capital	
CVC Capital Partners	Palladium Equity Partners	
Denham Capital	Pamplona Capital	
EIG Global Energy Partners	Par Investments	
EnCap	Parallel Resources Partners	
Energy & Exploration Partners	PineBrook Partners	
First Reserve Corp	Prospect Capital	
Five Point Capital Partners	Post Oak Energy Capital	
GCP Capital Partners	Quantum Energy Partners	
General Atlantic	Ridgemont Equity Partners	
Global Infrastructure Partners	Ridgewood Private Equity	
Graycliff Partners	Riverstone Holdings	
Hastings Equity Partners	Sage Road Capital	
Highstar Capital	SCF Energy Partners	
HM Capital (Hicks Muse)	SCF Partners	
HPS Investment Partners	Siguler Guff	
IOG Capital	Soros Fund Management	
I Squared Capital Advisors	Stonepeak Infrastructure Partners	
IFM Investors	Strategic Value Partners	
Intervale Capital		

ABOUT PETROCK ENERGY

PetroRock Energy is an investment management and advisory firm focused on the oil & gas exploration, production and oil field services sector in North America. We leverage our access to international, energy-dedicated capital and technical experience to build successful energy companies worldwide. The firm was founded in 2013 and is headquartered in New York.

Sector Focus. Dedicated to Energy

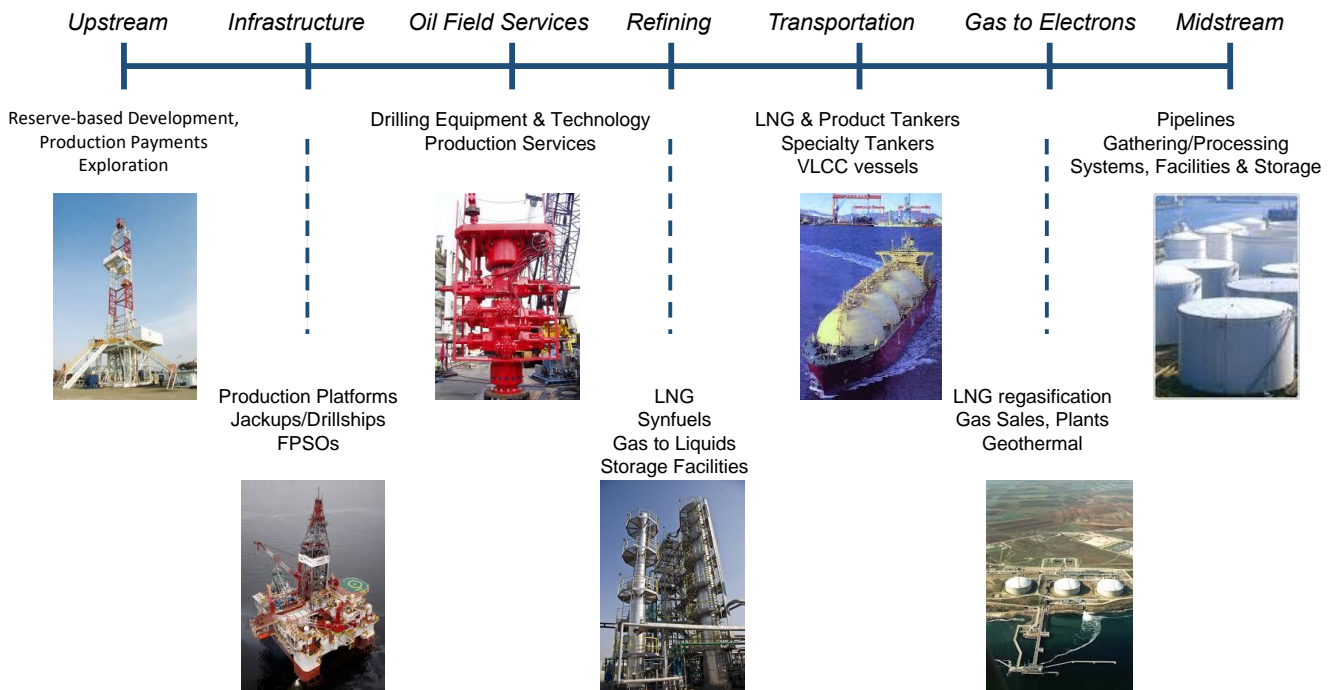
We look to create value in the upstream and services sector in the oil & gas industry in North America. We bring together a unique base of experience, relationships and investment capital. PetroRock Energy is strategically positioned to deliver long term value proposition for its investors.

Experience. Focused on Execution

PetroRock Energy and its partners has extensive experience in energy finance across public and private equity investments. We have advised companies across upstream, energy services, equipment and midstream infrastructure. We look to leverage our technical knowledge and access to expert advisers to identify opportunities, perform due diligence and deliver attractive returns to investors.

Partnership. Hands-on involvement across all stages of investments/industries

We collaborate with management teams and investors to identify growth opportunities, improve operational inefficiencies and minimize market, political, corporate and legal risks.



INDUSTRY INSIGHT

PetroRock’s philosophy is underpinned by fundamental research and a continuous drive to be a thought leader in the industry. Our partners have a long history of conducting and publishing thought provoking and unbiased research on the key drivers of the global oil & gas market.

PetroRock Energy

COUNTRY
REPORT
Energy
June 1, 2018

Elcacer Palacios
212-315-0686
epalacios@petrorock.com

Mexico Oil & Gas Primer

The Undiscovered Opportunity

Mexico’s oil & gas sector remains a misunderstood market among energy companies and institutional investors vis-à-vis its North American counterparts

- Private equity-backed upstream investments have begun to yield meaningful results led by Talos LLC’s billion-barrel crude discovery in shallow waters. The discovery well (Zama-1) shows that resources remain untapped near Pemex’s neglected fields, in both onshore and offshore assets.
- The financing market for local energy companies is still in infancy. Today, there is no mezzanine capital market for the energy sector, and private equity investments have been scattered, primarily focused on the midstream sector.
- Mexico represents a bullish thesis to energy services, for both, local and international players, as Pemex production continues to drop. Investment in secondary and tertiary recovery and technology are in high demand by Pemex.
- Local mid/small energy services contractors represent buyout opportunities for private capital. These local companies seek capital to increase market share on the back of Pemex’s recent budget cuts where most undercapitalized players have slowdown operations.
- Acquisition of Pemex’s Production Enhancement Contracts (PEC) from private contractors is a straight path to acquire interests in producing fields. Petrofac Ltd (LSE: PFQ) has run a successful and repeatable model in Mexico operating mature fields for Pemex (e.g. recently migrated Santuario field).
- Midstream infrastructure is the most needed investment. Current transportation and storage capacity is not sufficient. Pemex may look at divesting non-core midstream infrastructure as they streamline operations.

See Appendix A-1 for important disclosures
PetroRock Energy, LLC does and seeks to do business with companies covered in this report. As a result, investors should be aware that the Firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

PetroRock Energy

PetroRock Energy

Capabilities Presentation

Exploration & Production, Energy Services
and Midstream Infrastructure

July 2018

