

UNIVERSITY LANDS

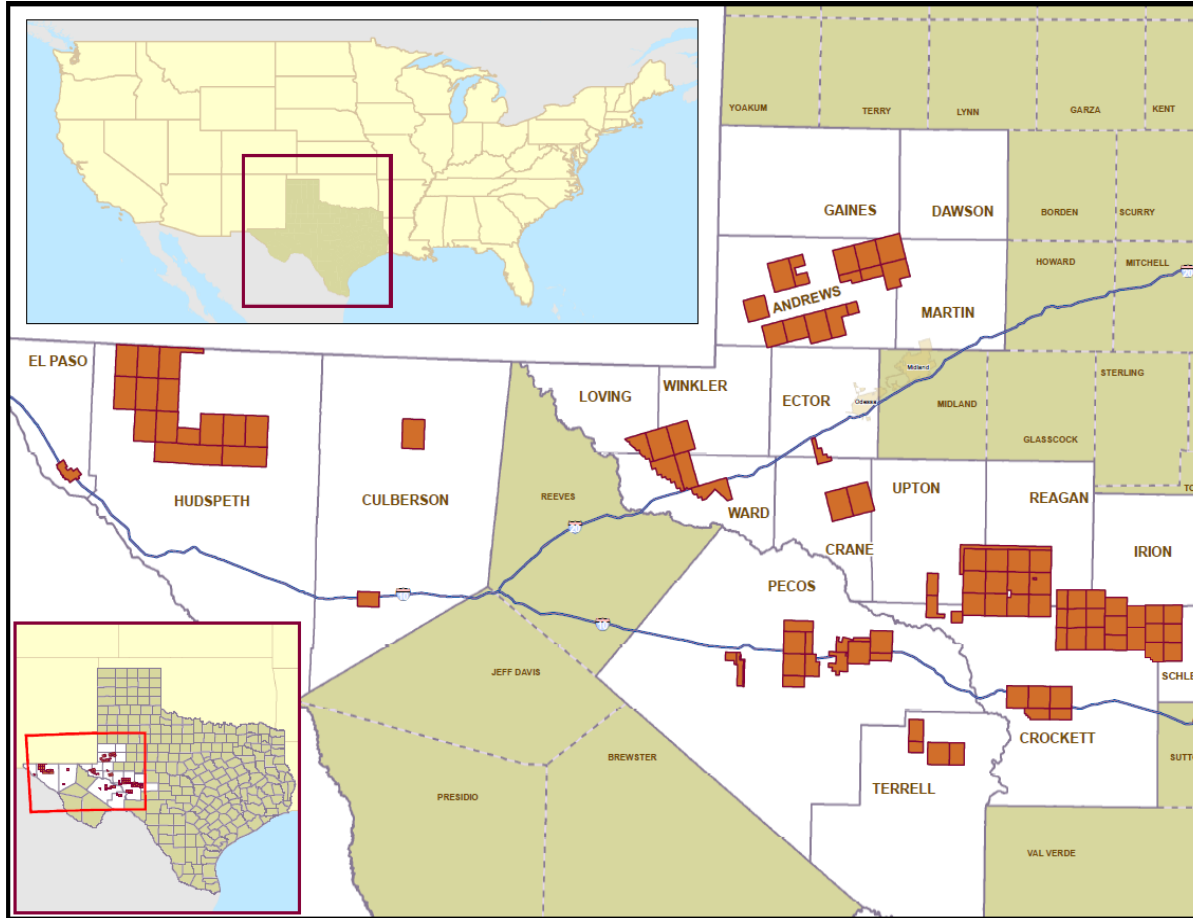
2019 PARTNER FORUM

*Thank you to today's
reception sponsors*



The PUF & University Lands Organization

2.1 million acres: ~1.5 million leased for oil and gas activity



111

Grazing leases

36,000

Head of Livestock

3,500

Oil & gas leases

5,200

Easements
(pipelines & power lines)

2,000

Commercial
surface leases

~120,000

Acres of renewable
energy projects under
assessment

TOTAL NET
RESERVES

2 Billion

Barrels of oil equivalent

>25,000

Future potential drilling
locations

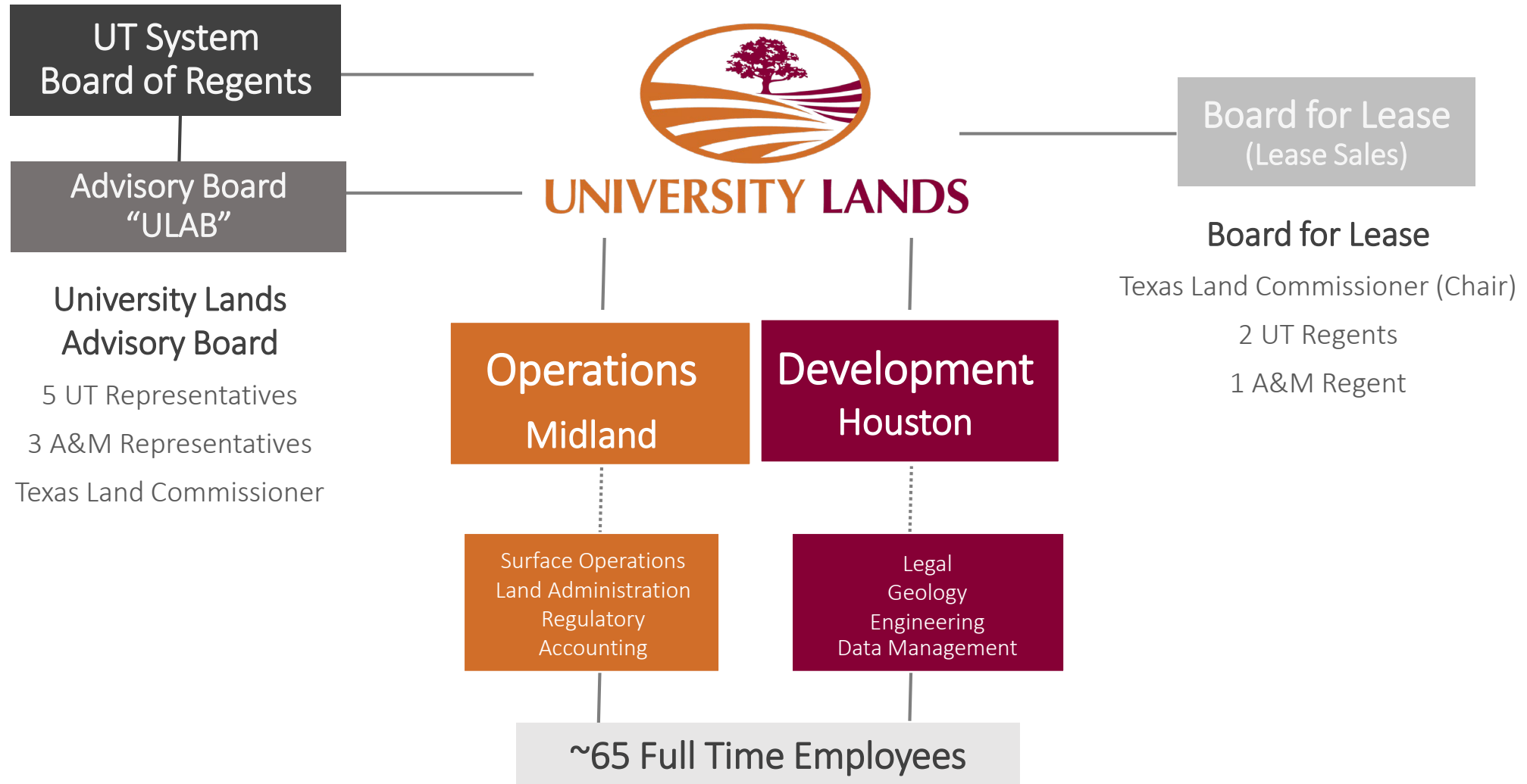
~9,000

Producing wells

~3,200 Horizontal wells

~4,800 Wells drilled
since 2011

Organizational Structure



Economic Development Opportunities

STRONG COMMERCIAL FOCUS

Oil and Gas Resources



Water Resources & Logistics



Solar and Wind

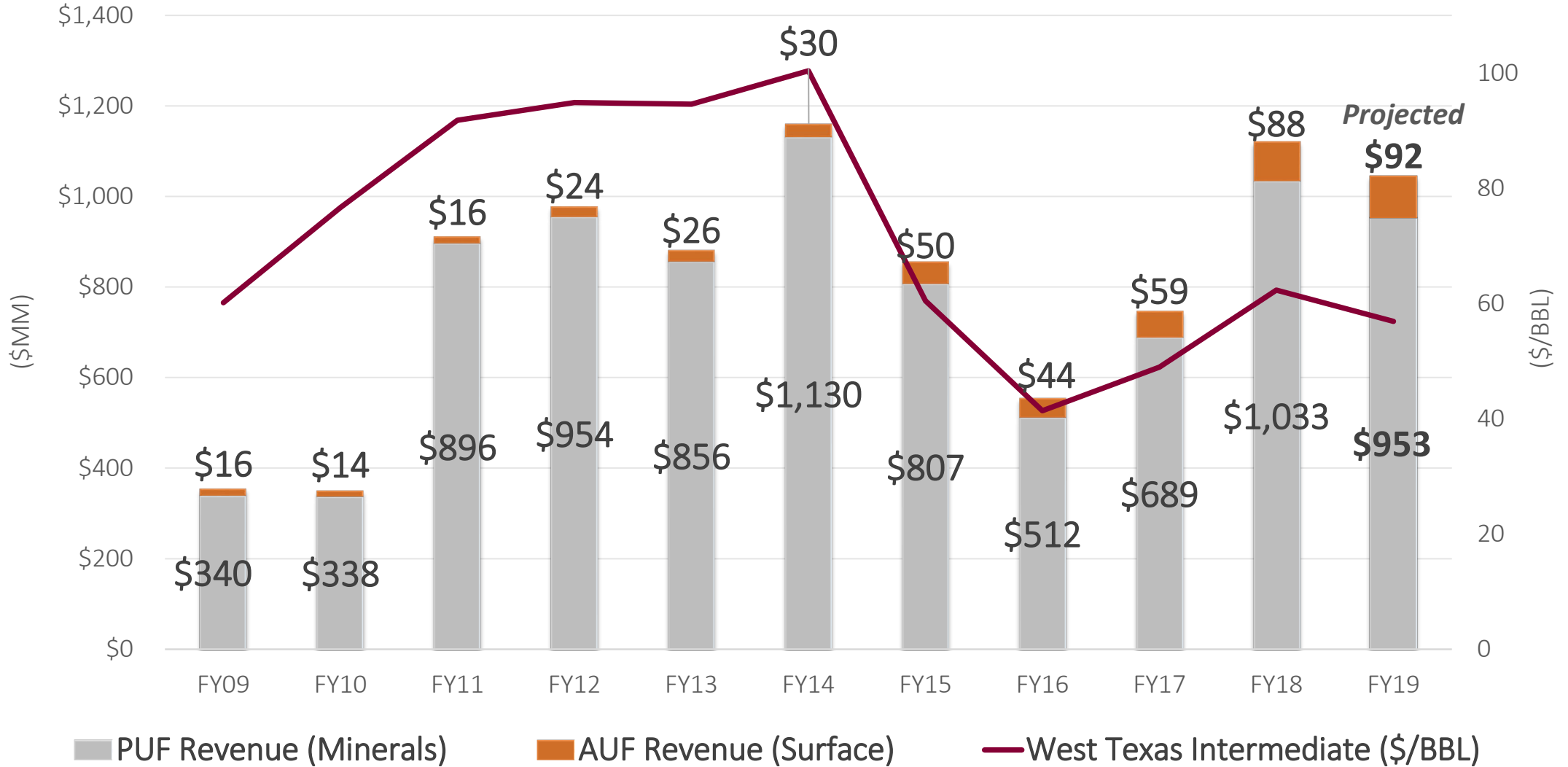


Other Surface Activities



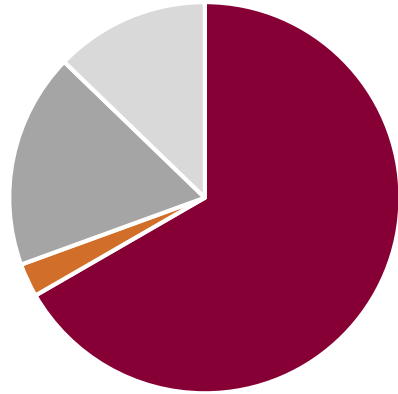
EXCELLENT ENVIRONMENTAL STEWARDSHIP

AUF and PUF Revenue vs. WTI Oil Price



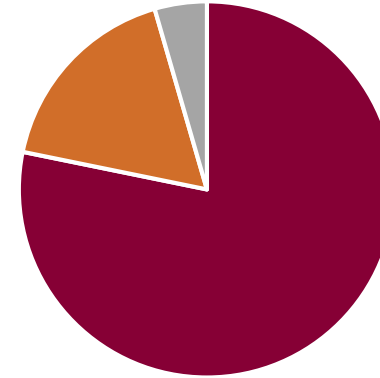
New UL Strategy: The Value-Add

2019 YTD AUF - \$90 Million



■ Easements ■ Grazing ■ Water & Caliche ■ Damages, etc.

2019 YTD PUF - \$780 Million

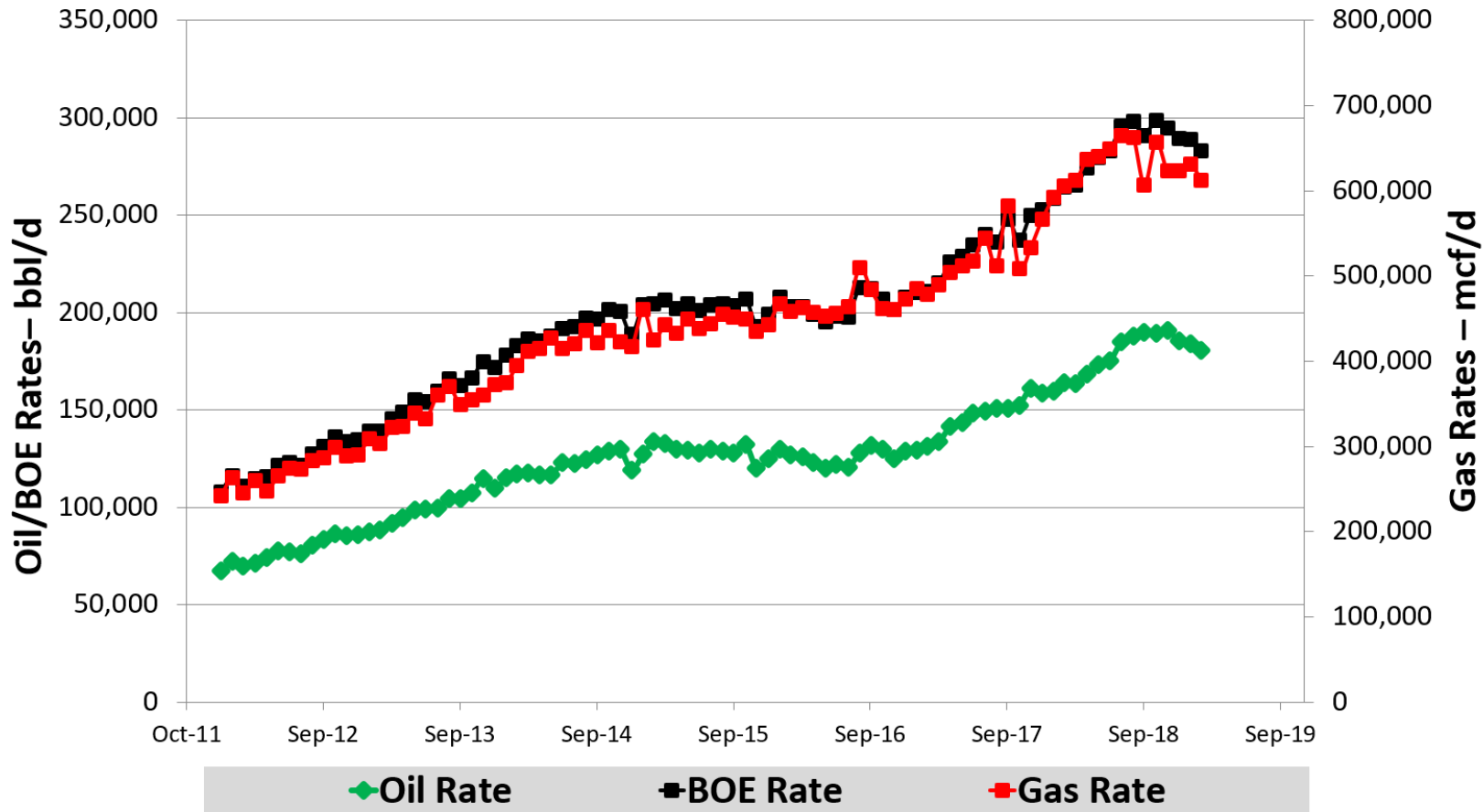


■ Oil Royalties ■ Gas Royalties ■ Lease Bonus

| | <i>Pre-ULAB 2009 – 2013 (millions)</i> | <i>Post-ULAB 2014 - 2018 Estimate (millions)</i> | <i>% Change</i> |
|----------------|--|--|-----------------|
| AUF Revenue | 96 | 251 | 161% |
| PUF Revenue | 3,384 | 4,328 | 28% |
| Total Revenue | 3,480 | 4,579 | 32% |
| WTI, \$/Barrel | 85 | 58 | -32% |

PUF Lands Gross Monthly Production (2012 – March 2019)

UNIVERSITY LANDS GROSS DAILY PRODUCTION



Key Stats

- 285,000 BOEPD (64% Oil)
- ~90% “modern” wells drilled since 2011
- 20% average royalty

2019 Top Producers (Jan - April)

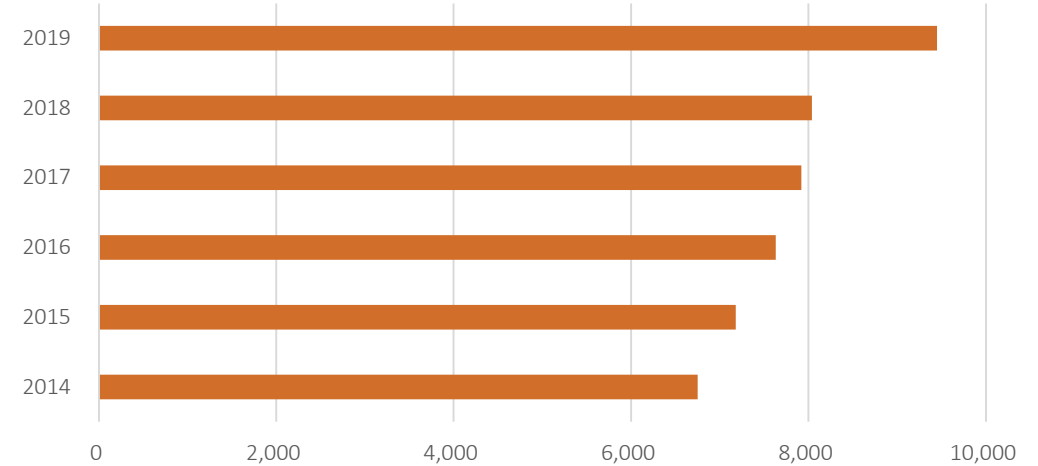


Horizontal Drilling is Reducing Surface Footprint

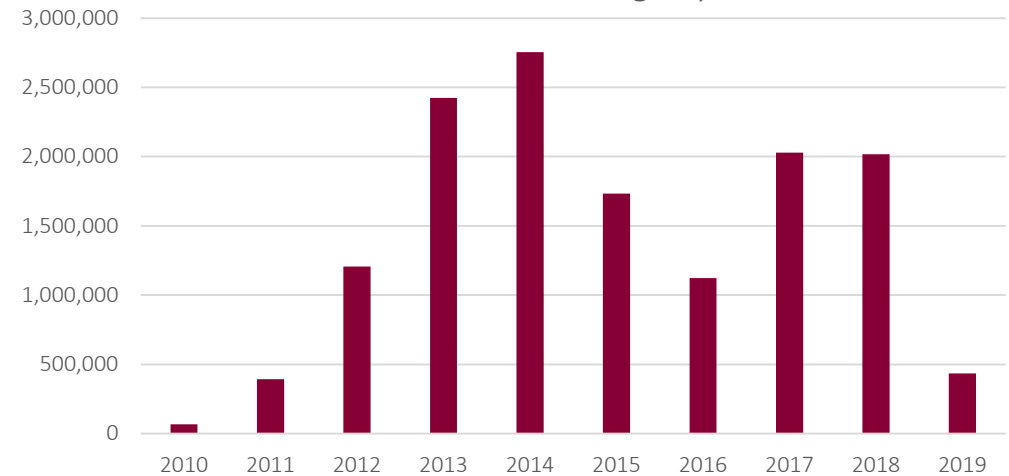


8 WELLS DRILLED BY 4 RIG PAD – FELIX ENERGY

Average Lateral Length by Year



Cumulative Lateral Footage by Year



Operator Evaluations and Identifying Best Practices

Key Driver is NPV/Acre

High Level Notes: 1,280 acres, 10k Laterals, Same Block, Formation

Company 1: Wine Rack

General Info

377' Spacing (~550' apparent)
14 wells total, wine rack spacing
11.3 MMBOE total EUR;
802 MBOE per well EUR

Value Metrics

IRR: 68%
Avg PV10/Well: \$8.3MM
PV10/Acre: \$96M



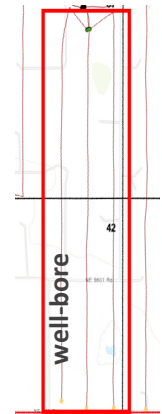
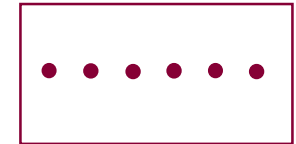
Company 2: Single Layer

General Info

880' Spacing
6 wells total, direct offset spacing
6.4 MMBOE total EUR;
1060 MBOE per well EUR

Value Metrics

IRR: 74%
Avg PV10/Well: \$10.4MM
PV10/Acre: \$51M



Company 1 Exhibits Development Best Practices

- “Full-field” development, i.e. maximizing value creation of acreage
- More effective stimulation and drainage of rock volume
- Mutually beneficial to PUF/UL and operators
- Risk of future infill degradation decreased

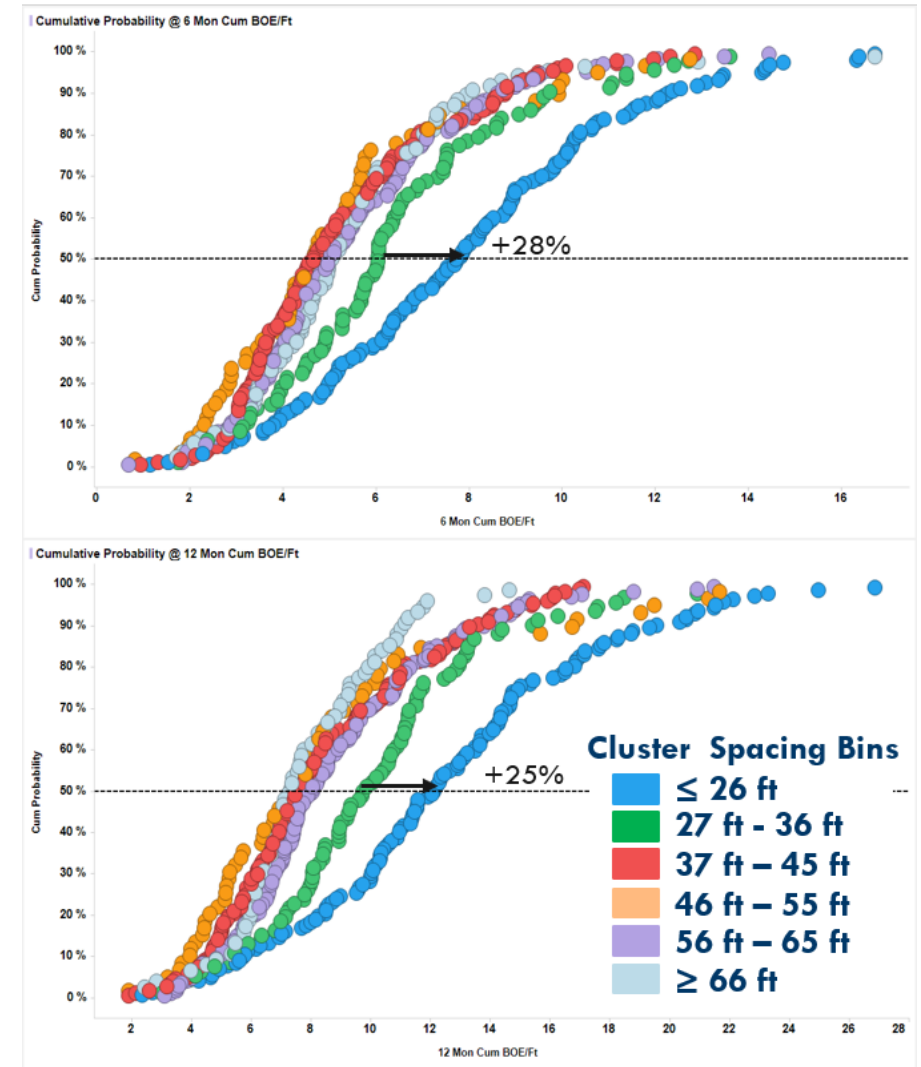
Key Technical Focus: Well Optimization

Data analytics guided heavily by engineering principles and expertise

- Over 1500 wells of completions data gathered in last 6 months
- Able to identify key factors in well performance and recommended best practices – formation, cluster spacing, fluid/proppant volumes, lateral footage performance, parent/child impacts

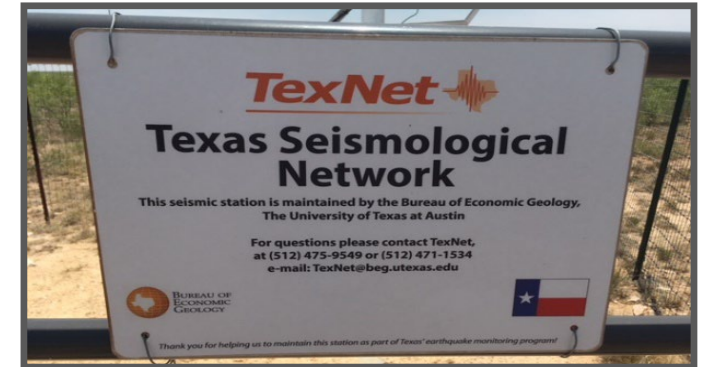
Reduced fracture spacing is a key factor in improved well performance

- Consistent trends of increased EUR with reduced cluster spacing
- Sample Result: Operator making recommended adjustments to cluster spacing based on UL input
 - Potential EUR increase of 25-30%
 - NPV, ROR improvement despite cost increase



Focus on Water: Water and Logistics Management

GOAL: Promote a more consolidated & holistic approach to oilfield water management



- UL is facilitating the development of more integrated water production, recycling and disposal systems
- Leverage UL size & scale to produce economies of scale in water-related infrastructure development

- Reduce costs for operators
- Increased efficiency of mineral development

**Beneficial for industry,
environment & Texas**

Environmental Stewardship a Top Priority

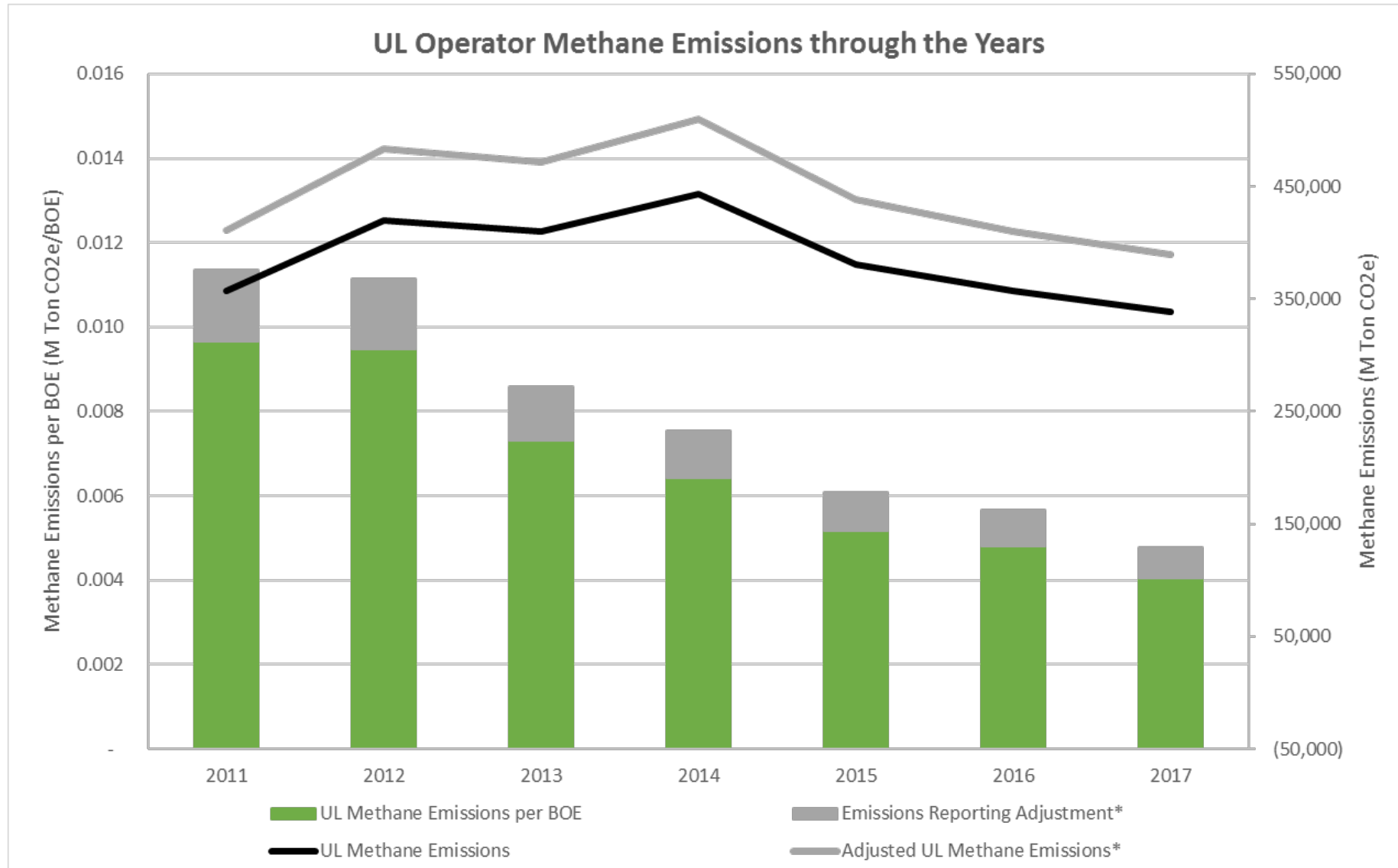
- Strong relationships with regulators
- Boots-on-the-ground lease inspections
- Policies that surpass regulatory requirements
- McDonald Observatory's Dark Skies Initiative
- Participation in TexNet seismicity monitoring
- Focus on initiatives that reduce truck traffic and promote shared infrastructure
- Reduction of methane emissions a focus



UL Emissions Reductions Initiatives

- 1 UL Oil & Gas Lease requires law, best practices & royalty paid on flared volumes
- 2 New emissions-focused Facilities Engineer
- 3 New Infrared camera used in lease inspections
(~250 completed since Sept.)
- 4 Environmental Stewardship Incentive Cost-share Program targeting emissions
- 5 2018 Alignment with The Environmental Partnership
- 6 Low production lease & marginal well abandonment initiative – new focus in 2018
- 7 Considering Satellite imagery to compare permits to existing flares
- 8 Dialogue with oil and gas companies and industry associations (TXOGA, IPAA)
- 9 Currently working on “emissions reductions best practices” to publish
- 10 Future annual report that would include environmental performance

PUF Lands' Operators Methane Emissions



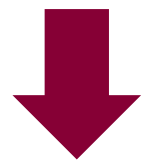
Emissions



24%

2014-2017

Emissions/BOE



37%

2014-2017

Energy Market Outlook – Key Conclusions

- Strong oil and gas demand beyond 2040
 - Exports of U.S. production will increase over next decade (Permian Basin will play a key role in this demand response)
 - Growing middle classes around the world will require more energy and goods, resulting in steady demand for oil and gas
 - In the U.S., renewables will replace coal, but increased demand in India and China keep coal in play globally
 - Oil’s market share in the U.S. will begin to decline slightly in a decade, as worldwide oil demand plateaus and demand for natural gas increases
- Environmental and regulatory pressures will move towards goals like Paris Agreement
- Consolidation in the domestic exploration and production space will continue

Oil & Gas as Share of Global Energy Demand

| Source | 2016 | 2025 | 2040/ 2050* |
|----------------|------|------|----------------|
| BP | 55% | 56% | 51% |
| ExxonMobil | 55% | 54% | 55% |
| Shell | 55% | 56% | 55%* |
| McKinsey & Co. | 56% | 56% | 50%* |
| IEA | 54% | 55% | 48% |

Key Long-Term Focus Areas

Prudently accelerate oil and gas development

Develop more intensive, public-facing environmental strategies

More local impact – explore ways we help address Permian Basin infrastructure, health, education constraints

Full-cycle water initiatives are key to long-term sustainability

Renewable energy development will continue