

# MEXICO ENERGY REFORM: Permitting Challenges Ahead



*Dr. Gino Bianchi-Mosquera, PG  
Newport Beach, California*

# RELEVANT REGULATORY FRAMEWORK

- **LGEEPA** (environmental impact studies)
- **Social license?** (ILO Convention 169)
- **Environmental license** (emissions/discharges/waste)
- **Water use/rights** (from CONAGUA)
- **LFRA** (Federal Law on Environmental Liability)



# ASEA: AGENCIA DE SEGURIDAD, ENERGÍA Y AMBIENTE



- **Autonomous entity under SEMARNAT**
- **Focus on oversight, regulation, and permitting of industrial safety and environmental protection in the hydrocarbon sector**
- **Sector activities include:**
  - **oil and gas E&P**
  - **transportation**
  - **refining**
  - **storage**
  - **retail**

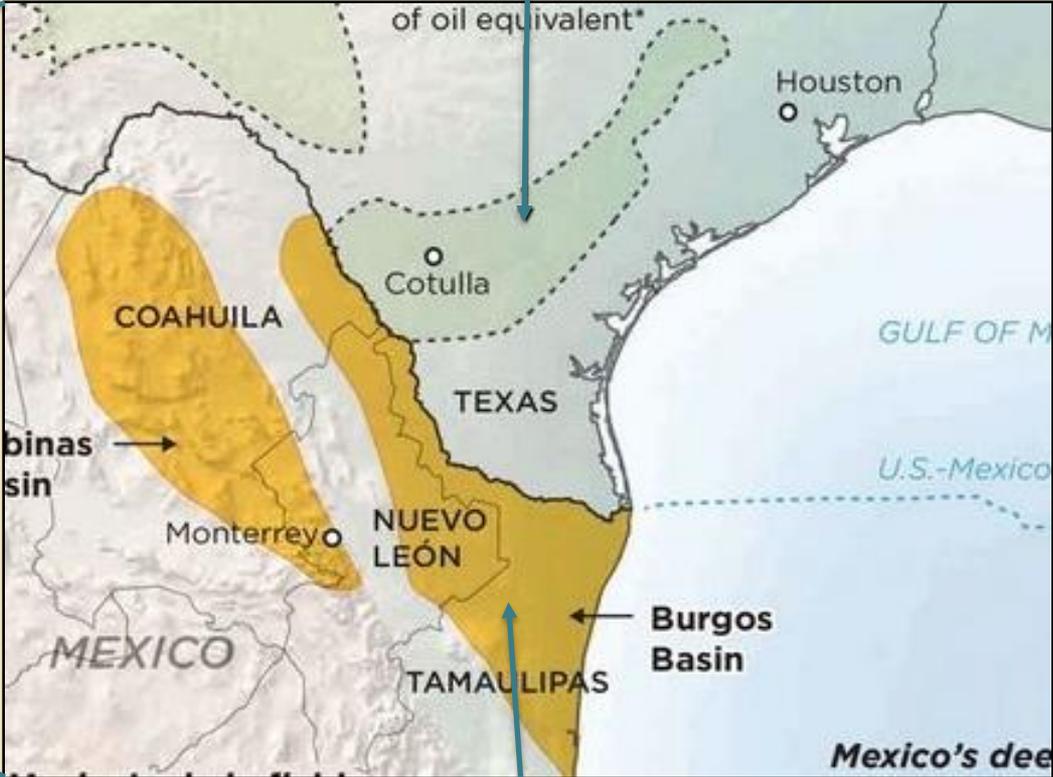
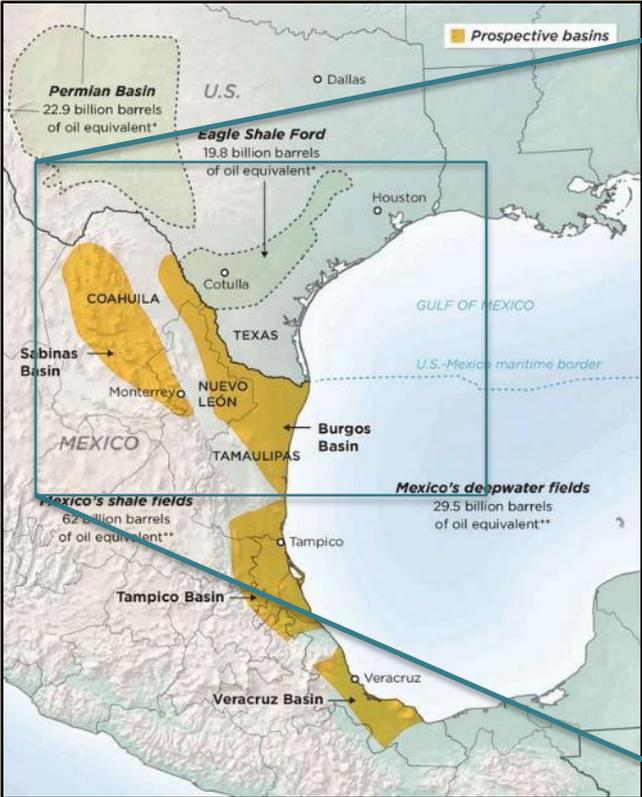
# ASEA TODAY: WORK IN PROGRESS...



- Agency in a “state of flux”
- Budget has been cut 50%
- Functions mostly performed at former agency offices
- Unclear where documents should be submitted
- Working group developing new shale gas/hydraulic fracturing regulations has been put on hold

# MEXICO ENERGY REFORM: UNCONVENTIONAL RESOURCES

## Eagle Ford Shale



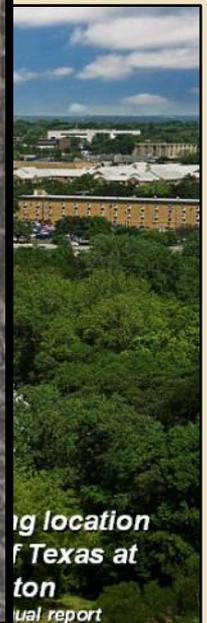
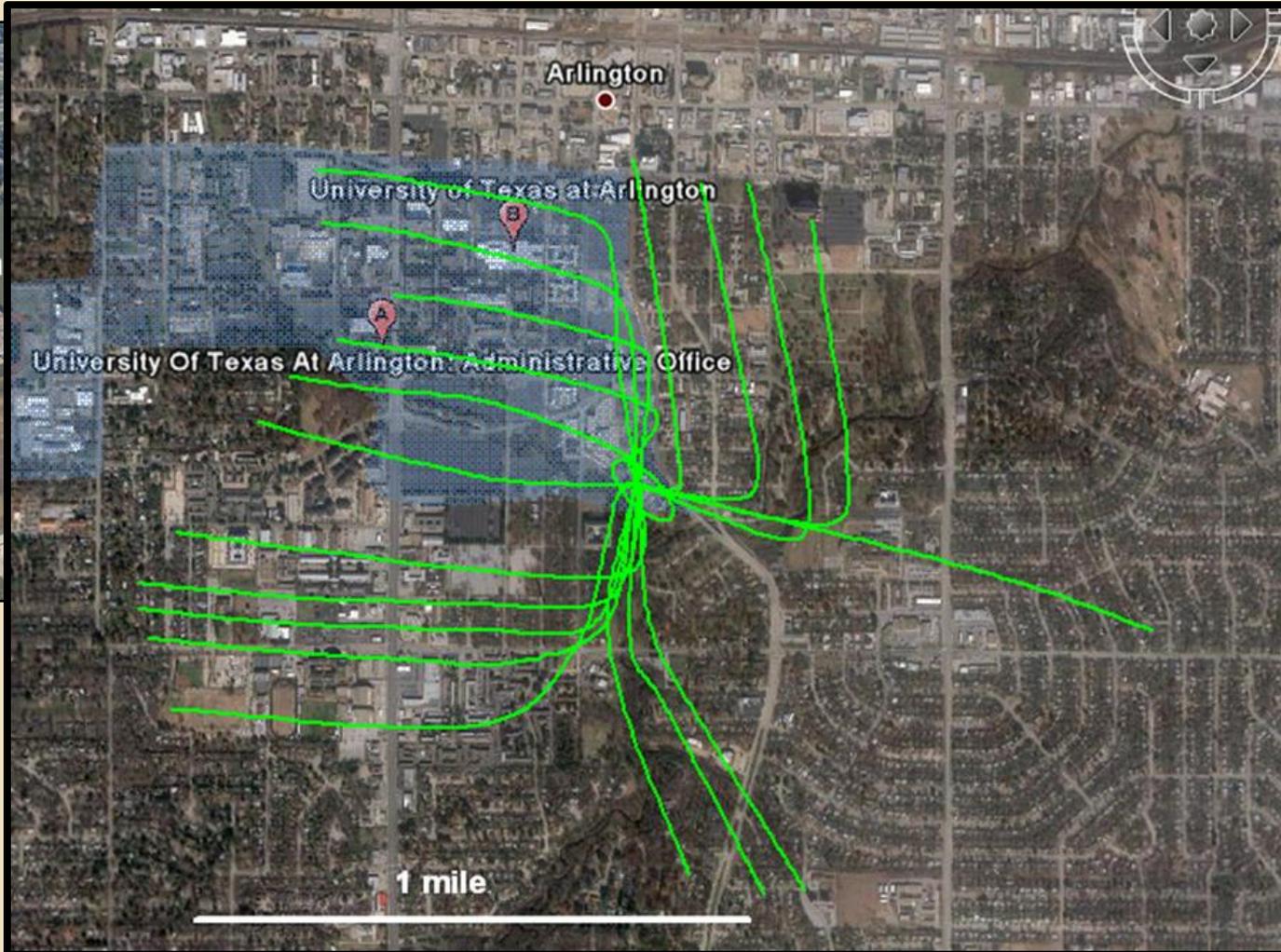
## Burgos Basin

# SHALE OIL/GAS: GETTING TO PRODUCTION...



Source: [www.fracfocus.org](http://www.fracfocus.org)

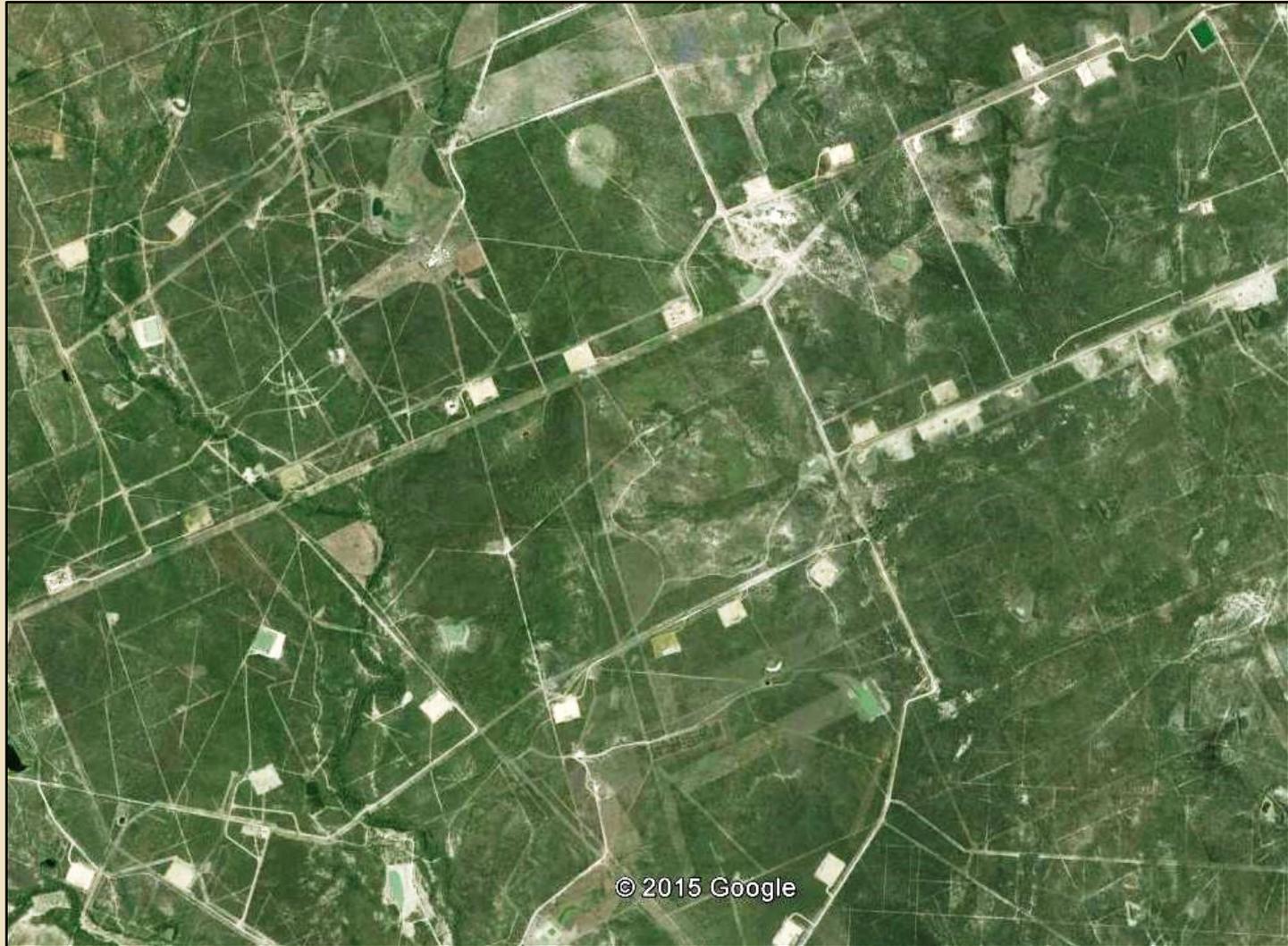
# SHALE GAS E&P IN MORE DEVELOPED AREAS



# SHALE GAS E&P IN WYOMING



# SHALE OIL/GAS E&P IN TEXAS (EAGLE FORD)



# ASEA: MANY QUESTIONS REMAIN...



- **Specific hydraulic fracturing regulations?**
- **Community consultation/participation/approval?**
- **Rights-of-way?**
- **Landscape fragmentation?**
- **Water resources use?**
- **Transportation infrastructure?**
- **Timing of new regulations?**

# ¡MUCHAS GRACIAS!

## *Gino Bianchi-Mosquera*

Principal

Newport Beach, California

[gbianchi@gsienv.com](mailto:gbianchi@gsienv.com)

949.242.8288



[www.gsi-net.com](http://www.gsi-net.com)

2211 Norfolk,  
Ste. 1000  
Houston, TX  
77098-4054  
713.522.6300

9600 Great Hills Tr.,  
Ste. 350E  
Austin, TX  
78759-5744  
512.346.4474

4590 MacArthur  
Blvd., Ste. 285  
Newport Beach, CA  
92660  
949.679.1070

155 Grand,  
Ste. 704  
Oakland, CA  
94612  
510.463.8484