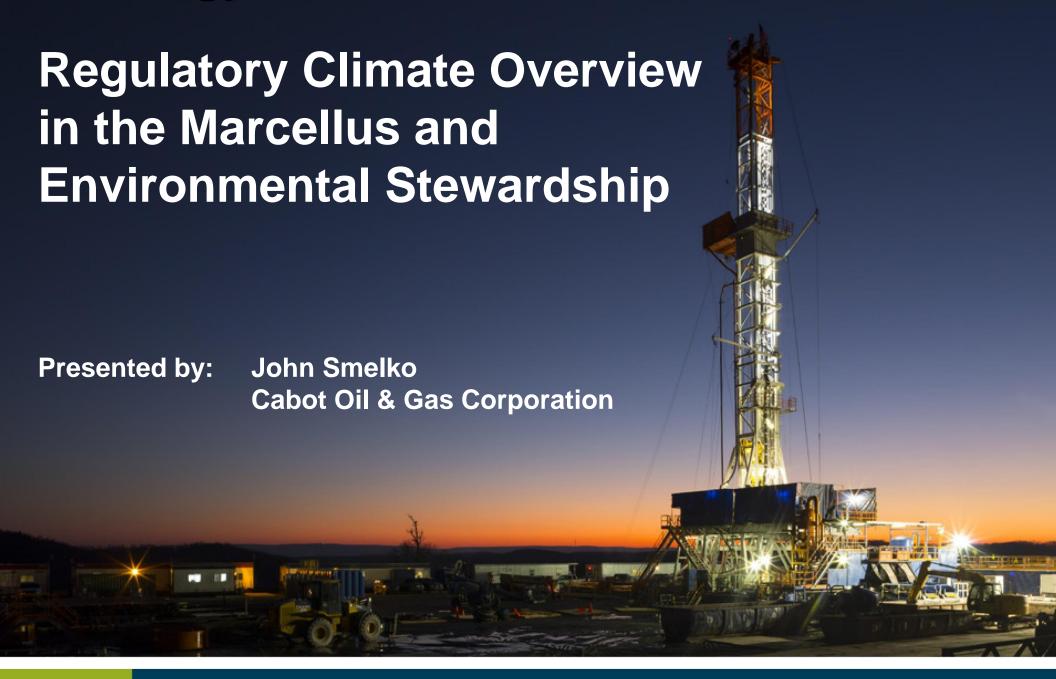
UT Energy Week 2016







About Cabot

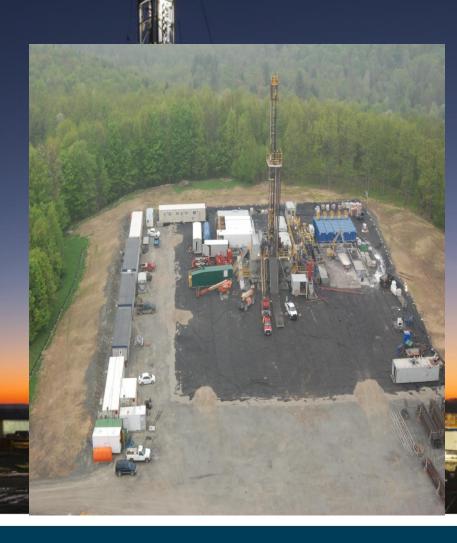
- Cabot Oil & Gas Corporation is an independent natural gas producer operating in the continental United States
- Growth Areas are in the Marcellus and Eagle Ford
- Current Production
 - >1.8 BCF per day natural gas
 - ~14,000 bbls per day
- Anticipate 25+ years of inventory in Marcellus
 - >3,000 wells



Regulatory Evolution in PA

 Regulatory Climate is in Flux with Many Changes in Recent Past in PA

- Oil and Gas Regulations
 - Act 13 Impact Fee
 - New Proposed O&G Regulations in 2016
- Act 9 Emergency Response Planning
- Chapter 102/E&S Control Project Design, Site Inspection and Maintenance/Repair
- Changing Interpretations











Front End Planning/Permitting

 Regulatory and Environmental Considerations to Minimize Environmental Footprint Include:

- Staking (Lat/Long)
- > Field Review
- Aquatic Resources and Set-backs
- Pre-Drill Sampling
- Engineering/Design Controls Mechanical Integrity, Closed-loop Systems, Secondary Containment, etc.



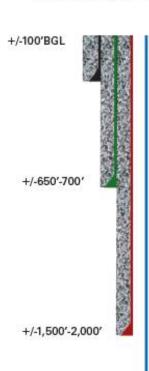




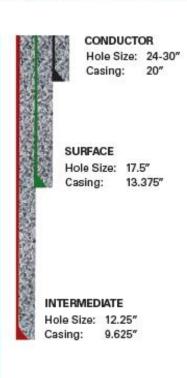


Environmental Stewardship

Typical Cabot Marcellus Well



Hole Size: 8.75"



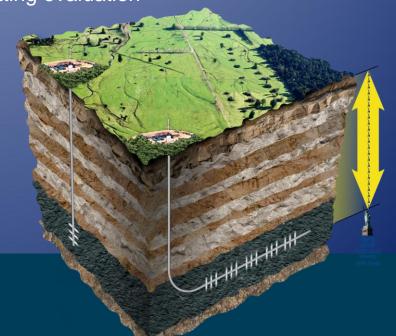
PRODUCTION

Set At: +/-12,000' 6,850'

Casing: 5.5"

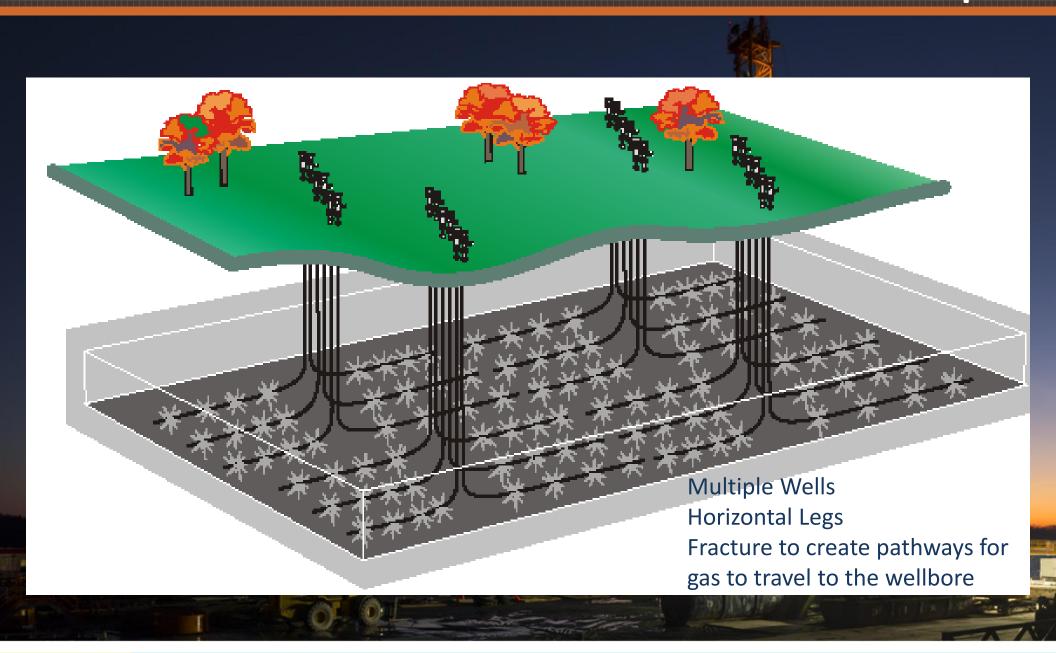
Hole Size: 8.75"

- Wellbore designed to protect groundwater
 - Three string design
- Containment on all locations
- Closed loop system
- Reclamation of locations
- Beneficial reuse
 - Line recycling
 - Water recycling
 - Drill cutting evaluation





Environmental Stewardship







Front End Planning/Permitting

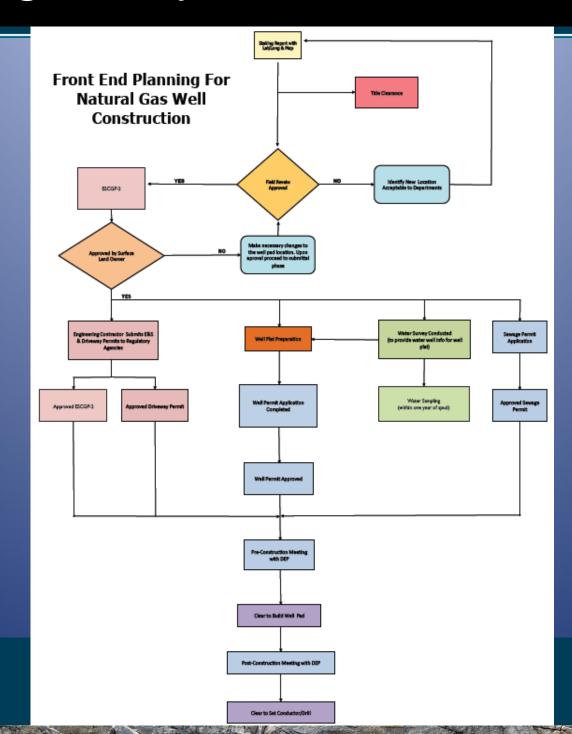
- Well Pad Design / ESCGP-2
 - > Minimize Footprint
 - > E&S Controls Inspection and Maintenance
 - ➤ Well Pad Reclamation
 - Public Notifications
 - Pre-Construction Meeting with PADEP
 - Driveway Permit
 - Sewage Permit
- Well Permit
 - Plat Preparation
 - Public Notifications
- Water Use Approvals
- CLEAR to PROCEED







Regulatory Framework





Air Quality and Methane Emissions Reduction

- Regulatory Changes
- Green Completions
- Pipeline Infrastructure and Flowback to Sales
- Use of Natural Gas in Operations Reduce Diesel Consumption
- Exemption 38 and LDAR
- Natural Gas Star Program







Notable Environmental Studies

- PA Air Quality Study in 2010
 - Conclusions of No Impact
- EPA Hydraulic Fracturing Study
 - > Final Report Scheduled for 2016







Path to Energy Independence

- Balance with the Stakeholder Community
 - > Industry
 - Regulatory
 - > Public
- Achieving Environmental Stewardship through Science and Facts



