



# Arizona Gas Storage

*Eloy, Arizona*

October 18, 2016

# Arizona Gas Storage

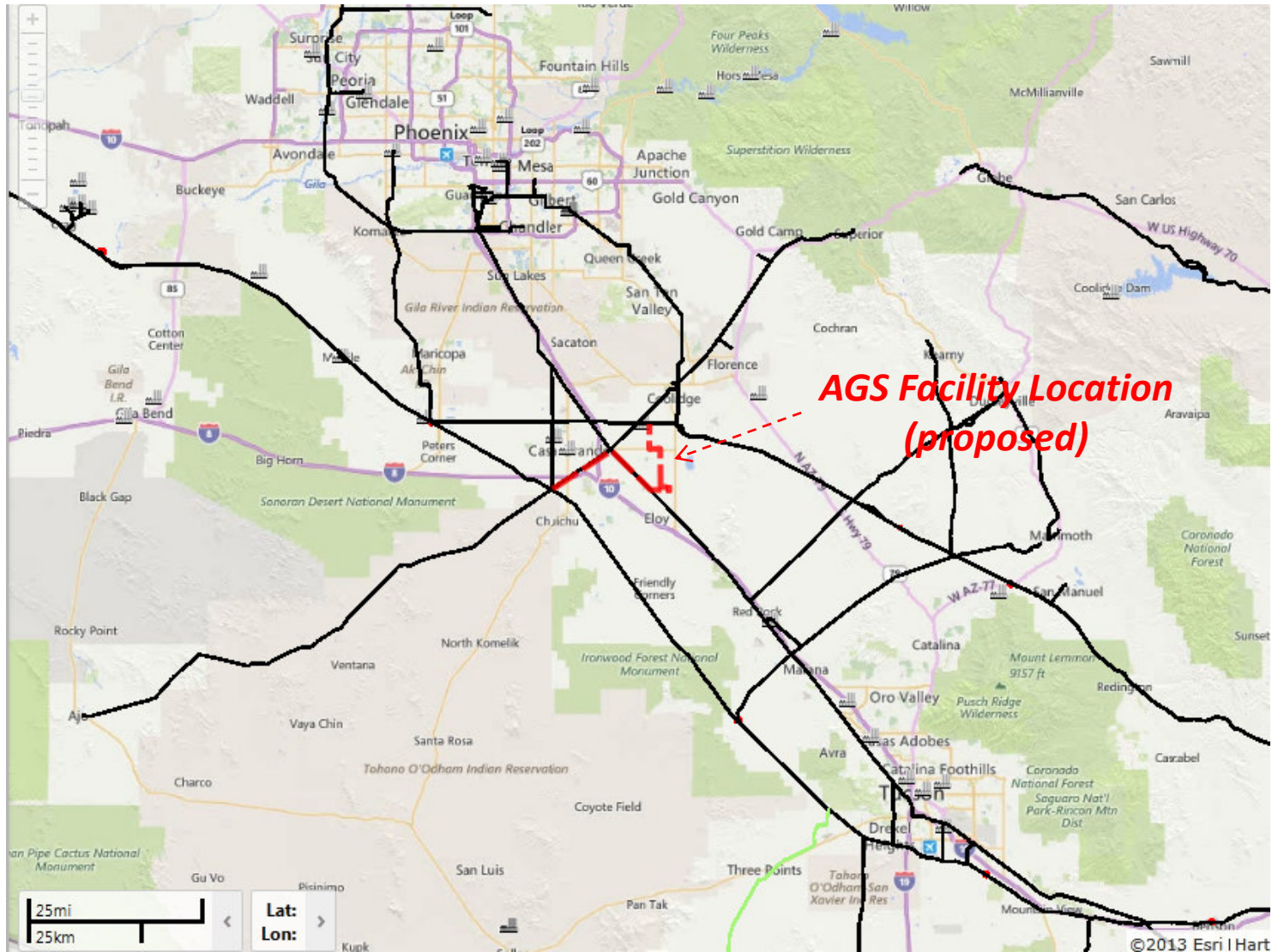
## *Project Description*

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- Initial four cavern design with a working inventory of 1 Bcf per cavern, 4 Bcf total
  - 400 MMcf/d withdrawal deliverability
  - 168-183 MMcf/d injection capability
- Two laterals connecting storage to EPNG
  - Optimize delivery to end users on the EPNG System
- ***Projects begin and end with safety. Kinder Morgan will:***
  - Comply with all state and federal regulations
  - Adhere to American Petroleum Institute (API) design and operation of cavern storage
  - Install multiple detection and shutdown devices
  - Select the best available control technology

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## *Project Location*



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## *Benefits for Arizona Customers*

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- **Market area storage, in a unique location, with connectivity to delivery meters in Phoenix/Tucson area**
  - Provides **supply security** during interruptions in the supply basin
- Storage, when combined with capacity from EPNG, will allow no-notice service from storage to delivery meters
  - Incremental capacity from storage to meters via new AGS no-notice transport service
  - New No-notice transportation service provides:
    - Additional firm capacity to available meters
      - Adds additional capacity to EPNG Market Area
    - Potential flexibility up to contracted quantities on both EPNG and AGS meter capacity
    - Provides high-speed response to changing system loads
      - Allows for customer flexibility to meet load volatility

# Arizona Gas Storage

## *Timeline Development*

**Commercial**

**Support**

Nov 2016

**Open Season**

Dec 2016

**NEPA Process/AGS 1-21  
Permitting Start**

Jan 2017

**Re-drill & Test AGS 1-21**

Nov 2017

**EPA UIC and ADEQ APP Applications**

Dec 2017

**FERC 7C Filing**

Jan 2018

**Construction Start!**

Apr 2019

Cavern	In-Service Date*
#1	Nov 2020
#2	Feb 2022
#3	Aug 2023
#4	Dec 2024