



## GAS PROCESSING PLANT

CLIENT - Confidential  
LOCATION - West Texas  
COMPLETED - June 2020

### DESCRIPTION

Matrix PDM Engineering, working closely with the client, provided multi-discipline engineering and construction support for a 200 MMSCFD cryogenic gas plant, including a cryogenic refrigeration system, condensate stabilizer, 4,000 BBL slug catcher, heaters, TEG, thermal oxidizers, fuel gas, flare, and truck loading/unloading, and an integrated process controls system.

Matrix worked with a construction partner to develop an EPC solution while leveraging Matrix's gas processing expertise, partnerships with key process equipment suppliers, and Matrix's modular design approach which allowed Matrix PDM to deliver an operating facility on schedule.

### PRINCIPAL FEATURES

- Multi-discipline engineering and construction of a 200 MMSCFD cryogenic gas plant
  - Cryogenic refrigeration system
  - Condensate stabilizer
  - 4,000 BBL slug catcher
  - Heaters, TEG, thermal oxidizers
  - Fuel gas, flare, truck loading/unloading
  - Integrated process controls system
- Modular design, fabrication and construction strategy optimized schedule and reduced risk
- Designed heat medium oil skid and coordinated fabrication
- Robust earned value management process, resulting in improved reporting and customer satisfaction
- Procurement coordination with multiple equipment packagers
- Automation and controls design and implementation resulted in smooth commissioning and startup

**FOR MORE INFORMATION:**

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