

# ECONOMIC REPORT: MAJOR FLAWS IN RAVEN PETROLEUM ESTIMATES

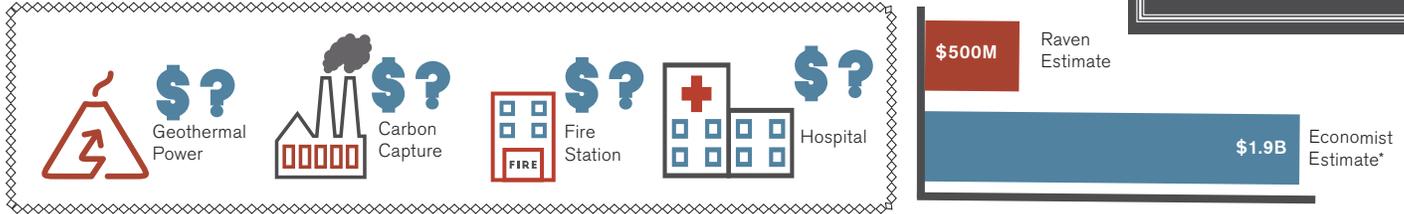
The South Texans Against the Refinery (STAR) Coalition, formed to oppose the proposed Raven Petroleum refinery in Duval County, Texas, has released an economic analysis studying the project, based on publically available information.

**KEY TAKEAWAYS:**

- MORE EXPENSIVE
- LESS JOBS
- LONGER TIMELINE

## TRUE COST OF REFINERY

Since the announcement, Raven has promised the following, but their estimated project cost has not increased. The analysis does not include the additional costs.



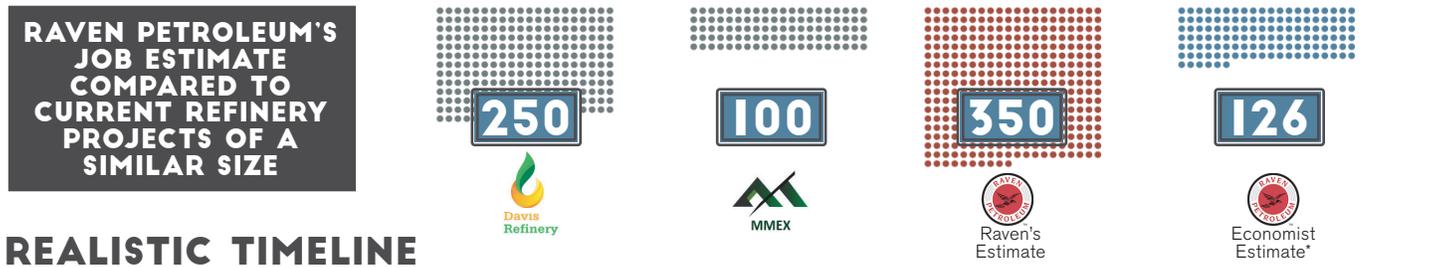
## TRUTH ABOUT JOBS

**MYTH**

Raven petroleum has claimed they plan to provide 350 permanent job opportunities to the tri-county area.

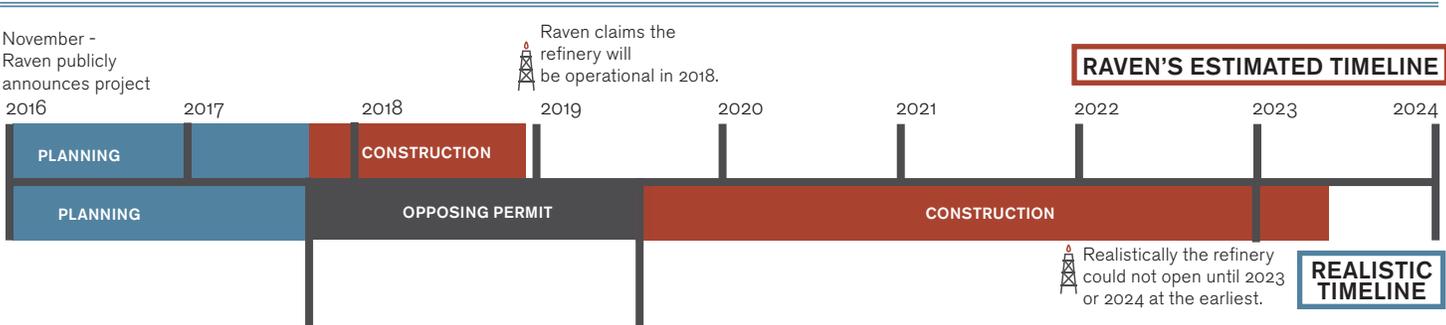
**FACT**

The report concludes Raven will only have 126 full time job opportunities at this facility, if the refinery becomes operational.\*



## REALISTIC TIMELINE

Raven has still not submitted a TCEQ permit application, making it nearly impossible to begin construction in 2017 and become operational in 2018. The realistic timeline assumes Raven submits a permit application in summer 2017.



**DEPENDING ON PERMIT DETAILS, RAVEN MAY NEED TO APPLY FOR SEPARATE PERMITS RELATED TO:**

- Air pollution
- Water pollution
- Solid waste disposal
- Geothermal
- Groundwater districts
- Transportation studies

**BECAUSE WE CARE ABOUT OUR COMMUNITY, THE STAR COALITION WILL CONTINUE TO HOLD RAVEN ACCOUNTABLE THROUGHOUT THE PROCESS.**

\* The analysis used Jobs and Economic Development Impact (JEDI) tool, an industry screening tool that estimates the economic impacts of constructing and operating fuel production and similar facilities. JEDI is part of the National Renewable Energy Laboratory, of the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, and is also informed by industry experts and project managers.