

KERN COUNTY: OIL AND GAS ACTIVITIES BY THE NUMBERS

Active oil and gas wells

- Active oil and gas *production* wells (not including cyclic steam):
 - State: 48,237
 - Kern County: **35,355**
- Additionally, active cyclic steam wells:
 - State: 18,171
 - Kern: **16,891**
- Active EOR and support wells (not including cyclic)
 - State: 13,768
 - Kern: **10,096**

Idle oil and gas wells

- 33,285 Idle wells in California
 - 21,632 oil and gas *production* wells
 - The others are support and injection wells
- **18,862** Idle wells in Kern County
 - **12,747** oil and gas *production* wells

New Oil and Gas Wells

- 3,918 New* wells in California. New Wells are an explicit identifier in DOGGR dataset. They are going to be a maximum of 4 years old. They are somewhere between having been permitted and having become active, ie started production or injection activity.
 - A well has a set amount of time to start drilling from being granted a permit. 2 years I believe, and they can get an additional 2 year extension for a total of 4 years.
 - They also have a set time to be registered as O&G production/observation/dry hole/ injection... whatever.
- 1,055 oil and gas *production* wells
- **3,446** New* wells in Kern County
 - **971** oil and gas *production* wells

Wells within 2,500 feet from sensitive receptors*

- **4,120** active oil and gas wells (including EOR and support wells) are within 2,500 feet from homes, schools, daycares, senior centers, healthcare facilities, and playgrounds (“sensitive receptors”) (~10,000 statewide), including:
 - **2503** are oil and gas *production* wells
 - **815** are cyclic steam wells
 - **827** EOR and support wells

- 6,558 Idle wells within 2,500' of a sensitive receptor in California
 - 1,641 idle oil and gas production wells (labeled as OG, Oil and Gas, DG, or Dry Gas in the DOGGR datasets) within 2,500 feet from sensitive receptors in Kern County
- 298 New wells within 2,500' of a sensitive receptor in California
 - 235 New oil and gas wells within 2,500 feet from sensitive receptors in Kern County

Active wells within 2,500 feet from sensitive receptors in low-income communities (at or below 80% Kern AMI)**

- **3,700** are active oil and gas wells within 2,500 feet from sensitive receptors in low-income communities, including:
 - **2159** are oil and gas *production* wells
 - **815** are cyclic steam wells
 - **726** EOR and support wells
- **5,229** total active, idle and newly permitted oil and gas wells within 2,500 feet from sensitive receptors within low-income communities, including:
 - 1,346 idle oil and gas wells
 - 183 newly permitted oil and gas wells

Data taken from the California Department of Conservation Division of Oil Gas and Geothermal Resources (CA DOC DOGGR) 2019 California Oil and Gas Wells Production and Injection Dataset (ftp://ftp.consrv.ca.gov/pub/oil/Online_Data/Production_Injection_Data/). Updated 5/7/19.

*"New" wells are permitted wells that have not yet become active. They may be drilled.

**Estimates generated from geospatial analysis of CA DOC DOGGR data using ESRI ArcGIS Pro 2.3.2. These figures represent minimum values due to missing GPS coordinates reported in the CA DOC DOGGR dataset.