



# OKLAHOMA CORPORATION COMMISSION: MEETING THE CHALLENGE

Vice Chairman Kim David



# OKLAHOMA CORPORATION COMMISSION

- Established by the Oklahoma Constitution at statehood (1907)
- 3 Commissioners, elected statewide, head the agency
- About 600 employees, 2 main offices, 4 O&G field offices
- The Oklahoma Corporation Commission (OCC) has regulatory powers over:
  - Transportation
  - Oil and Gas
  - Petroleum Storage Tanks
  - Public Utilities



# COMMISSION JURISDICTION

(APPROXIMATE TOTALS AS OF 01/01/2023)

- **2,447** Oil and gas well operators
- **8** Electric utility companies
- **7** Gas utility companies
- **300** Telephone companies
- **5** Water companies
- **13** Cotton gins
- **250** Natural gas pipeline operators
- **30** Hazardous liquid pipeline operators
  - operating over **40,000** miles of pipeline
- **24** Railroads with over **4,100** public at-grade crossings
- **7,500** For-hire and private motor carriers (intrastate)
  - **500** Non-consensual wrecker service operators
- **10,200** Petroleum storage tanks
- **46,000** Fuel dispensers
- **2,900** Retail fueling stations and their owners
- Transportation network companies (Uber, Lyft, etc.)
- **63** Wind energy facilities



# OKLAHOMA: TOP 6 IN U.S. ENERGY PRODUCTION



**6th** in natural gas



**6th** in crude oil



**3rd** in wind  
generation

# Primary Functions of the Oil and Gas Conservation Division

## Field Operations

- Provide assistance to industry, surface owners and the public so they can access info, resolve issues and correct problems through investigation, ensuring equitable and uniform enforcement of and compliance with the rules

## Underground Injection Control (UIC)

- Prevent contamination of underground sources of drinking water and maintain Federal and State Regulatory compliance of non-commercial and commercial injection wells

## Pollution Abatement

- Assure protection of water and soil resources by providing equitable regulations and enforcement of sound waste management and remediation practices for industry, surface and mineral owners

## MOEA & Surety

- Monitor the MOEA program
- Ensure all operators are in compliance by posting the required surety

## Technical

- Balance the rights of all parties, assist oil and gas industry, protect and preserve environment and prevent waste of natural resources by ensuring compliance with laws and rules
- Processing applications and permits

## Administrative Services

- Provide administrative support and management of daily business operations to the other departments of OGCD
- Maximize efficiency and streamline the customer experience

## Induced Seismicity (ISD)

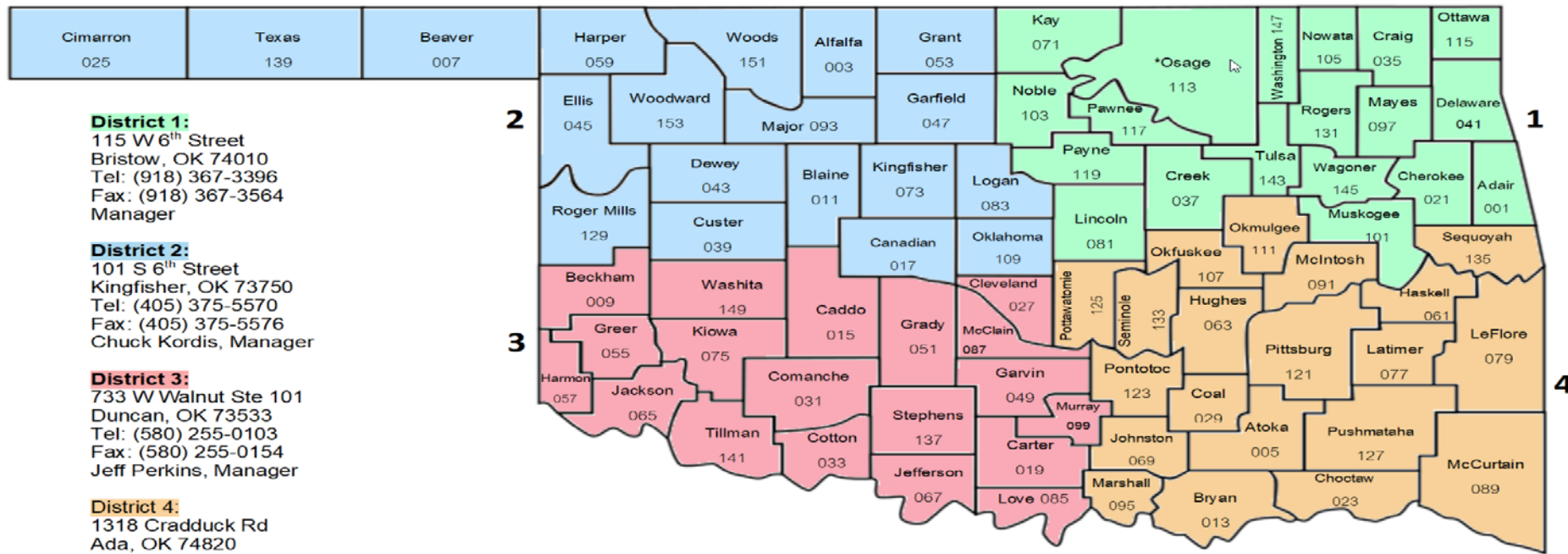
- Mitigate the risk of induced seismicity in Oklahoma related to oil and gas activity
- Ensure the stewardship of data submitted to and maintained by the OCC, foster public confidence in responsiveness of the OCC

# OKLAHOMA CORPORATION COMMISSION OIL AND GAS CONSERVATION DIVISION

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(918) 581-2296

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Manager

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Chuck Kordis, Manager

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Jeff Perkins, Manager

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Jeff Krebbs, Manager

Last Updated: May 17, 2023

# Oklahoma Oil and Gas Industry

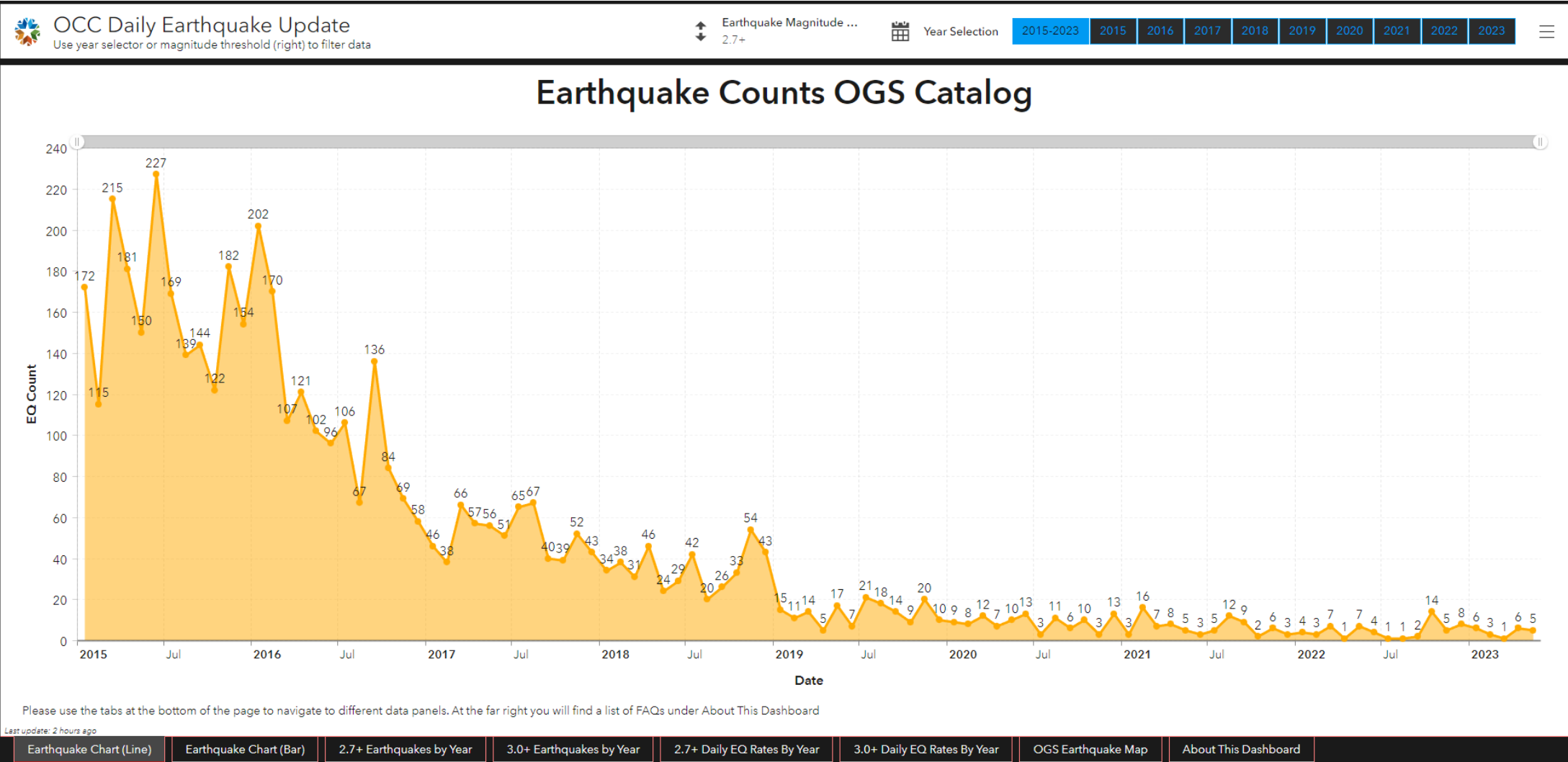


Active wells:

Oil	<b>76,403</b>
Natural gas	<b>47,883</b>
Injection/disposal	<b>10,525</b>
Other	<b><u>37,666</u></b>
Total	<b>172,477</b>

- **234,390** plugged wells
- **38,199** Inactive or abandoned wells
- **569,411** known wells drilled in Oklahoma history
- **2,447** active operators of oil and gas wells
- **47,150** miles of pipelines (gathering/ transmission/ distribution)
- **258** pipeline operators

# EARTHQUAKE COUNT M2.7+ 2015-2023





# PETROLEUM BROWNFIELD SITES



**BEFORE**

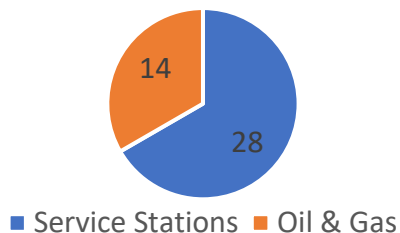
Former Smalley Service Station - Downtown OKC



**AFTER**

Social Capital Restaurant, 2020

42 Site Closures



**HELPING OKLAHOMANS REINVEST IN OKLAHOMA**

# PRIMARY FUNCTIONS OF THE PETROLEUM STORAGE TANK DIVISION



## Compliance & Inspection

- Ensure public gets what they pay for at the pump (measure, quality)
- Environmental, Safety Checks

## Technical

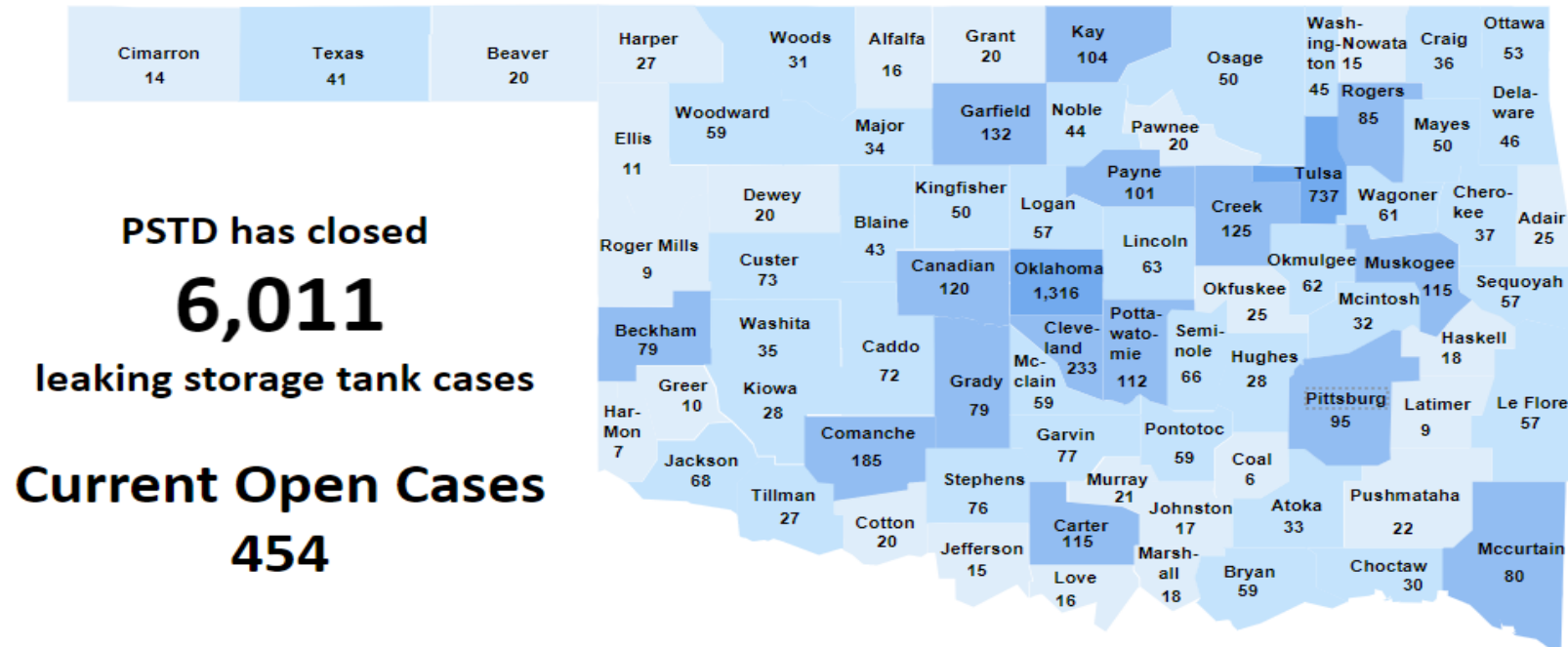
- Oversee corrective action efforts and payment of contractors at sites polluted by leaking petroleum storage tanks

## Accounting & Administration

- Ensure all monies in and from funds, grants are handled properly
- Oversee tank permitting, licensing, and operator training

# All 77 counties have been affected by leaking tanks!

## State of Oklahoma Release Cases Closed by County



## Well Plugging

### ➤ State Funds Plugging FY 2023:

- ❖ Number of Plugged Wells - 376

- ❖ Actual Cost of Plugged Wells - \$6,715,921.23

### ➤ Infrastructure Investment and Jobs Act (IIJA) Plugging from April 12, 2023, to June 1:

- ❖ Number of Contracted Wells - 99

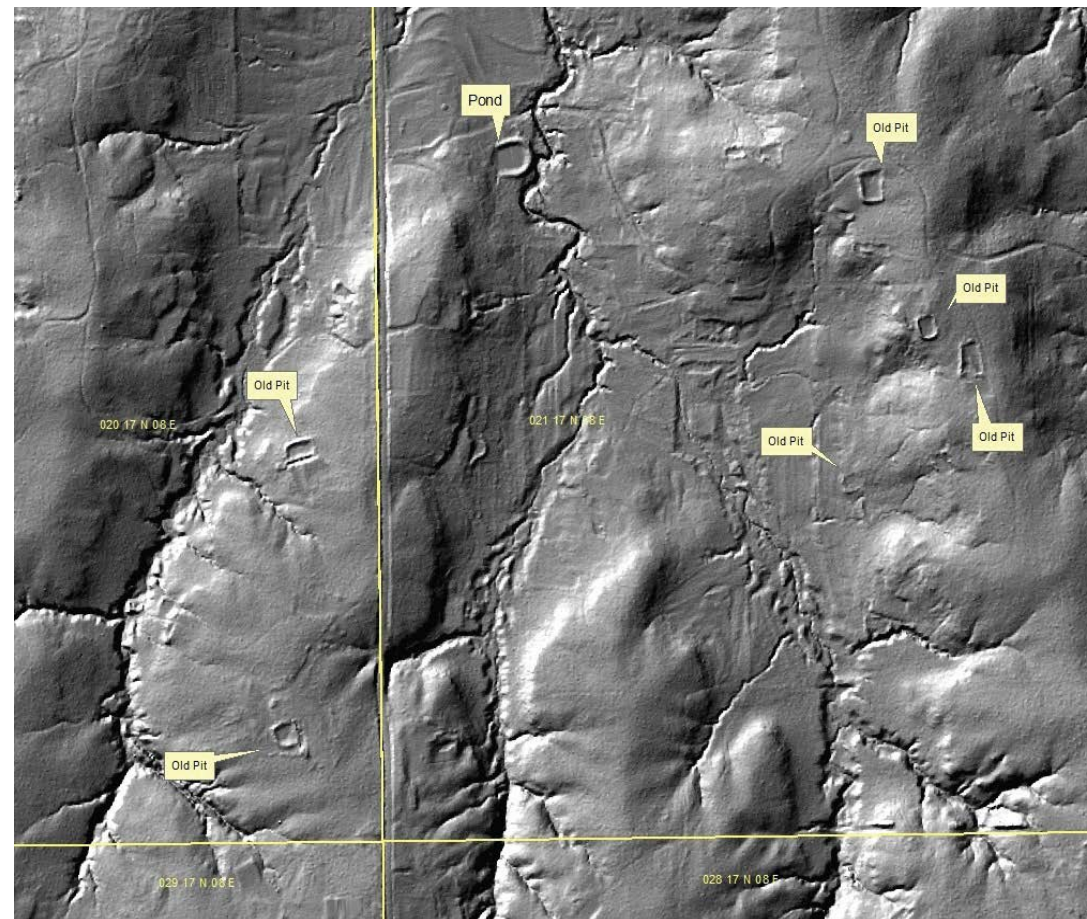
- ❖ Estimated Cost of Contracted Wells - \$2,109,174.90



### W/O LIDAR



### WITH LIDAR





# KREMLIN OIL SPILL

## June 2, 2023







- Estimated release: 4,000 barrels
- Recovered as of June 19
  - Oil – 2,080
  - Oily Water – 2,571
- Contaminated Soil treated or removed: 4,045 yards

Cause: Under Investigation





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# WORKING TOGETHER TO MEET OKLAHOMA'S ENVIRONMENTAL CHALLENGES

## CORPORATION COMMISSION

Lead agency for most Oil and Gas exploration, production and disposal activity  
impacting land, water

## DEPARTMENT OF ENVIRONMENTAL QUALITY

Lead agency for any activity impacting air quality, pollution posing threat to drinking water

## ENVIRONMENTAL PROTECTION AGENCY

Grants and reviews primacy given to state agencies, regulates all activity on Federal land,  
Oil and Gas activity in Osage County, pollution into Waters of the U.S.



# GAME CHANGER

Blaine County Purge  
2019





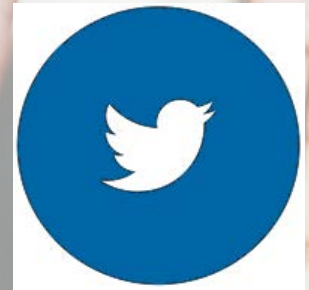
# Blaine County Purge

- Standard practice of shutting-in of likely suspect disposal wells did not work
- Purge continued to increase in flow
- OCC, DEQ, EPA came together in collaborative effort
- Opened the door to new approach of dealing with purges of unknown origin

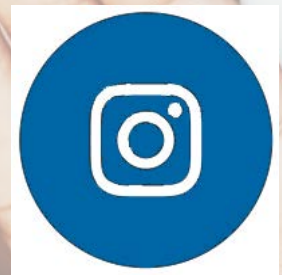
# Contact the OCC



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**OKLAHOMA**  
Corporation  
Commission