

**BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS**

In the matter of a general investigation into)	Docket No.: 20-CONS-3218-CINV
increased seismic activity in Reno County,)	
Kansas.)	CONSERVATION DIVISION
)	
_____)	License No.: N/A

NOTICE OF FILING OF QUARTERLY REPORT

The Commission's February 6, 2020, Order in this docket directed Staff to file quarterly reports in this docket, with Staff's first report due by March 31, 2020. Pursuant to that Order, Staff files the attached Quarterly Report for December 31, 2022.

Respectfully submitted,

/s/ Kelcey A. Marsh
Kelcey A. Marsh, #28300
Litigation Counsel
Kansas Corporation Commission
266 N. Main, Suite 220
Wichita, Kansas 67202-1513
Phone: 316-337-6200; Fax: 316-337-6211
k.marsh@kcc.ks.gov

FOURTH QUARTER REPORT

To: Dwight D. Keen, Chair
Susan K. Duffy, Commissioner
Andrew J. French, Commissioner

From: Ryan A. Hoffman, Director, Conservation Division

Date: 12/27/2022

Re: Docket No. 20-CONS-3218-CINV

BACKGROUND

On February 6, 2020, the Commission opened an investigative docket for the purpose of “(1) keeping the public and the Commission apprised of the investigation of Commission Staff into the causes of increased seismic activity occurring in Reno County; and (2) providing a forum by which the Commission may take any advisable action as it relates to increased seismic activity in Reno County.”¹ This is the fourth quarterly report of 2022.

REPORT

A. Injection Volumes

Class II volumes for calendar year 2021 were required to be provided by March 1, 2022, and will not be updated in this report due to the limited amount of seismic activity in the investigative area.

B. Earthquakes

According to data obtained from the Kansas Geological Survey (KGS), there were zero earthquakes within the investigative area from October 1, 2022 through December 21, 2022².

¹ Docket No. 20-CONS-3218-CINV, ¶A, p. 2.

² http://maps.kgs.ku.edu/earthquake_mini_viewer/

C. Additional Information

The Governor's Arbuckle Study Group did not meet during the third quarter of 2022. The KCC has provided access to two Class II Arbuckle wells used in conjunction with remediation sites for KGS to use to gather data to further the Arbuckle Study. The first test was conducted on March 24, 2022 and the second test was performed on May 5, 2022. The KGS, the Kansas Department of Health and Environment, and KCC Staff have decided to meet quarterly in lieu of monthly meetings.

Recommendation

At this time, Staff makes no recommendation for further Commission action related to the seismicity in Reno County based on the available data. Staff will continue to monitor the injection and earthquake activity within the 15-mile investigation area. Should either of these activities require immediate action, Staff will request the Commission take such action if the Commission does not take the action on its own motion. Finally, Staff will update the information contained herein and supplement it as necessary on a quarterly basis as contemplated by the Commission's order in this docket.