



**To:** Whom It May Concern

**From:** Ryan A. Hoffman, Director, Conservation Division

**Date:** 2/12/2020

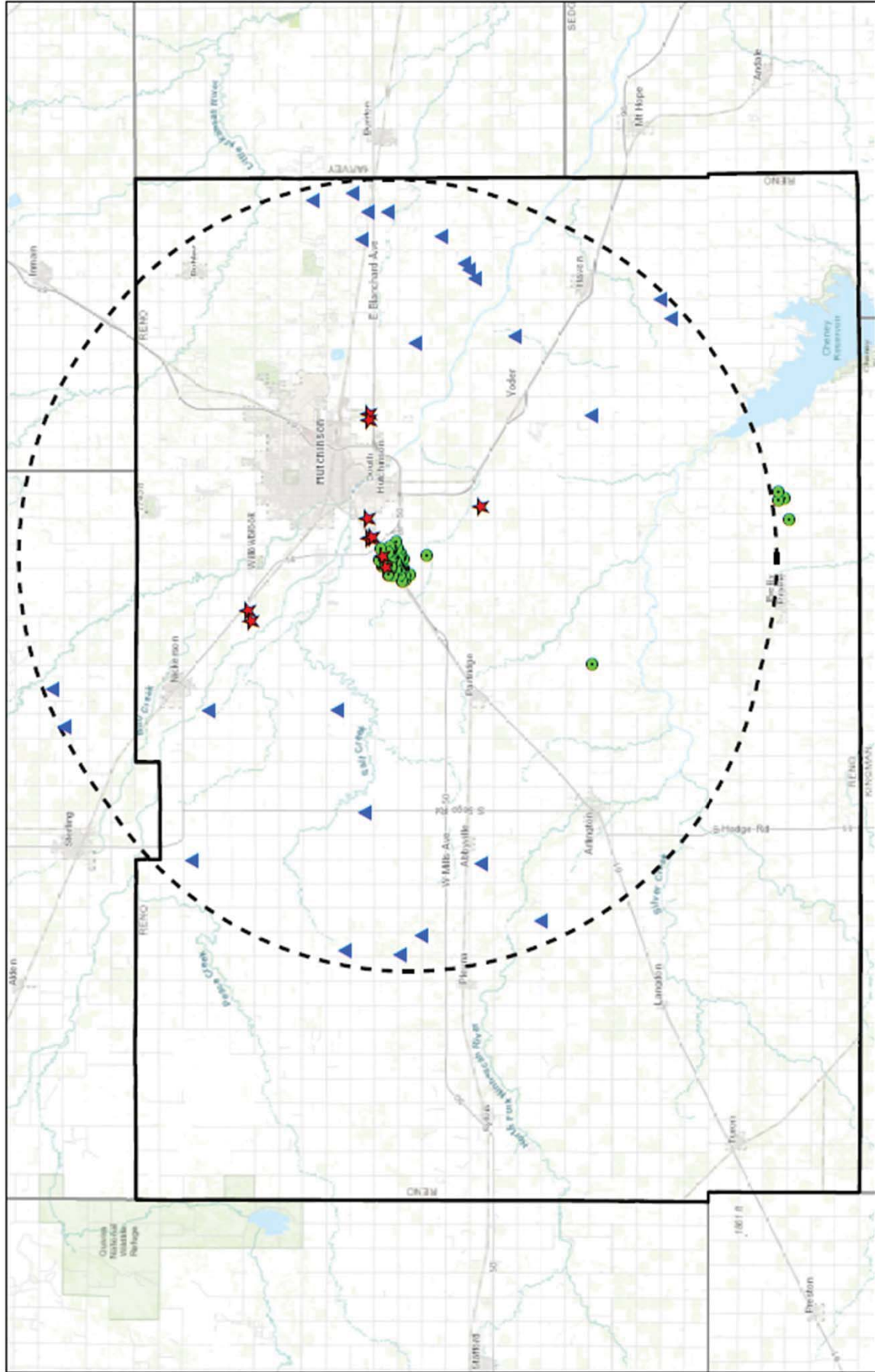
**Re:** Staff Compliance with Docket No. 20-CONS-3218-CMSC

On February 6, 2020, the Kansas Corporation Commission (KCC or Commission) issued an Order in this docket directing staff to “file data visually depicting the 15-mile radius within seven days of the issuance of this order.” The data is included on the attached exhibits.

Exhibit A contains a map presented to the Commission during a Staff presentation at the January 30, 2020 Business Meeting. This map illustrates the 15-mile search radius around the earthquake activity in the South Hutchinson area for calendar year 2018. There is a key on the map labeling each symbol as follows: earthquakes are depicted as green dots; Class I injection wells are depicted as red stars; and Class II injection wells are depicted as blue triangles. Class I wells are used for the disposal of industrial and municipal wastes and are regulated by the Kansas Department of Health and Environment. Class II wells are used for injection related to oil and gas activities and are regulated by the KCC.

Exhibit B contains a similar map; however, this map contains the earthquakes that occurred in 2019 and includes the magnitude 4.6 earthquake that occurred on January 19, 2020.

# Reno County Class I & Class II Arbuckle SWD Well Locations Within the 15-Mile Radius of 2019 Earthquake Cluster With All 2018 Reno County Earthquakes



2018 Earthquake Epicenters  
  Class II Arbuckle SWD Wells  
  Reno County Boundary  
  Kansas County Boundaries

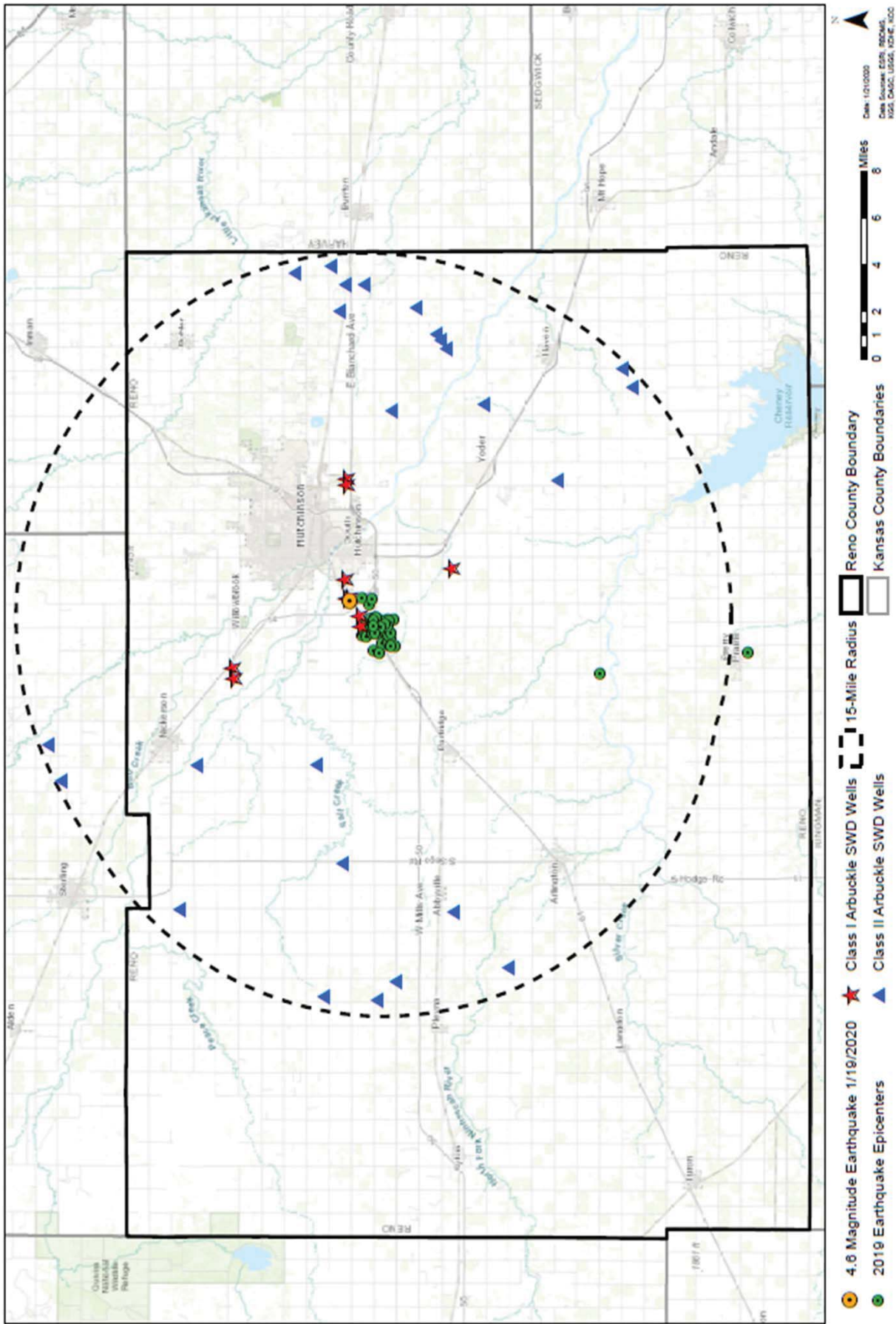
Class I Arbuckle SWD Wells  
  15-Mile Search Radius

Date: 1/13/2020  
 Data Sources: ESRI, FSDMS, KGS, DASC, USGS, KDE, KCC

N  
 0 1.25 2.5 5 7.5 10 Miles



**Reno County Class I & Class II Arbutckle SWD Well Locations Within the 15-Mile Radius of 2019 Earthquake Cluster 17  
With All 2019 Reno County Earthquakes & Recent Magnitude 4.6 Earthquake Occurring 01/19/2020**



## **CERTIFICATE OF SERVICE**

20-CONS-3218-CINV

I, the undersigned, certify that a true copy of the attached Notice of Filing of Visual Data has been served to the following by means of first class mail and electronic service on February 12, 2020.

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