

OKLAHOMA

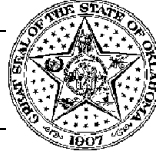
# Corporation Commission

P.O. BOX 52000  
OKLAHOMA CITY OKLAHOMA 73152-2000

255 Jim Thorpe Building  
Telephone: (405)521-2302  
FAX: (405)521-3099

---

**OIL & GAS CONSERVATION DIVISION**



---

**Robyn Strickland, Director**

---

**May 17, 2019**

**Contact: Matt Skinner**  
**405-521-4180**  
**m.skinner@occemail.com**

## **Media Advisory – Medford area earthquake**

**Following a 4.5 magnitude earthquake (Oklahoma Geological Survey’s measure) today in the Medford area, the Oklahoma Corporation Commission’s (OCC) Induced Seismicity Department is directing 3 oil and gas wastewater disposal wells to stop operations until further notice.**

**The earthquake occurred within the 15,000 square mile earthquake Area of Interest (AOI), where disposal into the Arbuckle formation has been drastically reduced as part of the earthquake mitigation effort by the OCC. Researchers are in broad agreement that the huge increase of disposal of oil and gas wastewater into the Arbuckle formation within the AOI starting in about 2013 can be linked to earthquake activity that peaked in 2016 and has since been declining, largely as a result of OCC mitigation measures.**

**The latest earthquake charts can be found at:**

**[http://www.occeweb.com/og/layers/ISD\\_EQMonthlyUpdate.pdf](http://www.occeweb.com/og/layers/ISD_EQMonthlyUpdate.pdf)**