

# **Kansas Administrative Regulations**

## **Department of Health and Environment**

### **Article 46.—Underground Injection Control Regulations**

#### **28-46-29a. Operation of class III salt solution mining wells.**

(a) A class III salt solution mining well shall not be operated under any of the following conditions:

(1) The salt roof is less than 50 feet in thickness above the washed cavern.

(2) The solution cavern has been developed as a single well, and the dimensions of the cavern across a horizontal plane exceed 400 feet at any depth or 300 feet in the upper one-third of the potential cavern height.

(3) The top of the solution cavern is less than 250 feet from the ground surface.

(4) The solution cavern has been developed as part of a gallery, and the dimensions of the cavern across a horizontal plane exceed 400 feet at any depth or 300 feet in the upper one-third of the potential cavern height, except the route of interconnection between wells.

(5) The depth to the top of the salt section is less than 400 feet below land surface, and the dimensions of the cavern across a horizontal plane exceed 300 feet in diameter, except the route of interconnection between wells.

(6) The distance between adjacent galleries is less than 100 feet from the wall of a cavern in an adjacent gallery.

(7) There are leaks or losses of fluid in the casing or surface pipe of a well.

(b) A variance for any well not meeting the conditions in paragraphs (a)(2) and (a)(4) through (a)(6) may be granted by the secretary if all of the following conditions are met:

(1) The variance is protective of public health, safety, and the environment.

(2) The applicant or permittee agrees to perform any additional monitoring or well improvements, or any combination, if required by the secretary.

(3) The applicant or permittee agrees to conduct a geomechanical study in support of the variance request. The geomechanical study shall be conducted by a contractor experienced in conducting and interpreting geomechanical studies.

(c) Each applicant or permittee seeking a variance shall submit a written request to the secretary that includes justification for the variance, a geomechanical study and interpretation, and any additional supporting information for review and consideration for approval.

(Authorized by and implementing K.S.A. 2009 Supp. 55-1,117 and 65-171d; effective Aug. 6, 2010.)

\*\*\*\*\* Authenticated Kansas Administrative Regulation \*\*\*\*\*