

Information on
Hutchinson Gas Incident
to
the House Utilities Committee

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Describe Kansas Facilities

- Hydrocarbon storage
 - propane, butane, natural gas, gasoline
- Stored in salt formation
 - solution mined caverns, jugs
- 10 active facilities
 - 1 natural gas, 9 LPG
- Companies: Kansas Gas Service, Koch, Ferrellgas, NCRA, Texaco, Williams, Oneok
- 624 active wells, 159 plugged wells, 80 million bbls total Kansas storage
- 7 inactive facilities

Regulatory Program History

- Natural gas storage and LPG storage from 1950's
- Federal Safe Drinking Water Act, 1974 (UIC)
- KDHE regulations from 1981
- 1986, injection programs divided between KCC and KDHE
- KCC has oil field related waste brine disposal and production zone gas storage
- KDHE has industrial waste disposal, federal underground injection control w/o oil field, salt solution mining wells
- Related program is Underground Injection Control (UIC), from Federal Safe Drinking Water Act

History

- 5 types of injection wells addressed by UIC
 - Class 1, hazardous and non-hazardous waste injection (KDHE)
 - Class 2, oil field brine injection (KCC)
 - Class 3, salt solution mining (KDHE)
 - Class 4, hazardous waste into and above aquifers (illegal)
 - Class 5, others not covered above
- Hydrocarbon storage wells not covered by UIC, but are a state program

State Regulatory Authority

- KSA 65-171d(a), “protect the soil and waters of the state from pollution resulting from under ground storage reservoirs of hydrocarbons and liquid petroleum gas”
- KAR 28-45-1 through 11
- KCC statutory authority, KSA 74-623, jurisdiction “except refining, treating, or storing of oil or gas after transportation ..”

Regulation Plans

- Update started in 1996
- Meetings with industry
- Hutchinson incident gives new priority to regulation update
- Staff temporarily assigned to regulation process