



## **PROCEDURE FOR DEVELOPING AN UNDERGROUND HYDROCARBON STORAGE WELL WORKOVER PLAN**

### **Procedure #: UICLPG-14 (6/11)**

#### Narrative:

KDHE regulation K.A.R. 28-45-19, K.A.R. 28-45a-17, and K.A.R. 28-45b-17 require that a workover plan, for any downhole or wellhead work that involves dismantling or removal of the wellhead, be submitted to KDHE for review and consideration of approval to ensure protection of public health, safety and the environment. The plan must be submitted to KDHE at least 10 days before performing the workover.

#### Procedure:

The following elements at a minimum must be addressed in a plan submittal:

1. A blowout preventer with a pressure rating greater than the pressures anticipated to be encountered shall be used during the workover.
2. Any logging procedures shall be conducted through a lubricator unit with a pressure rating greater than the pressures anticipated to be encountered.
3. The permittee shall provide to the person logging the well or performing a well workover all relevant information concerning the status and conditions of the well and storage cavern before initiating any work.
4. A detailed description of the proposed workover shall be provided, including a prognosis.
5. If a sonar survey is included in the work to be done, a plan must be submitted for review and consideration for approval and a summary and results submitted in accordance with the requirements of K.A.R. 28-45-15, K.A.R. 28-45a-13, and K.A.R. 28-45b-13.
6. If a mechanical integrity test is included in the work to be done, a plan shall be submitted for review and consideration for approval and a summary of the testing shall be submitted in accordance with the requirements of K.A.R.28-45-16, K.A.R. 28-45a-14, and K.A.R. 28-45b-14.
7. The elevation before and after any wellhead work that results in a change in the wellhead survey point shall be provided. The elevation survey shall be conducted by a licensed professional land surveyor as required by K.A.R. 28-45-15, K.A.R. 28-45a-13, and K.A.R. 28-45b-13.
8. A detailed report of the workover shall be provided to KDHE within 45 days of completing the workover, including information documenting the work done such as pipe or casing tallies, cementing tickets, etc.