



UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
ATOMIC SAFETY AND LICENSING BOARD

In the Matter of

CROW BUTTE RESOURCES, INC.

(Marsland Expansion Area)

Docket No. 40-8943-MLA-2

ASLBP No. 13-926-01-MLA-BD01

Hearing Exhibit

Exhibit Number: NRC017

Exhibit Title: ASTM Standards for Theis Analysis Methods

ASTM Standards for Theis Analysis Methods

1. **ASTM D4106-15**, Standard Test Method for (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Theis Nonequilibrium Method. Current edition approved April 15, 2015. Originally approved in 1991.
2. **ASTM D5269-15**, “Standard Test Method for Determining Transmissivity of Nonleaky Confined Aquifers by the Theis Recovery Method.” Current edition approved April 15, 2015. Originally approved in 1992.
3. **ASTM D4105/D4105M-15**, “Standard Test Method for (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Modified Theis Nonequilibrium Method.” Current edition approved April 15, 2015. Originally approved in 1991.