

**Column E Explanation**

1. Registration Number: **46-R-0002**
2. Number of animals used in this study: 1 (in Column E)
3. Species of animals used in the study: Bighorn Sheep
4. Procedures: This project investigates the transmission and persistence of respiratory disease pathogens. This is a serious problem in U.S. wild Bighorn populations and manifests itself primarily in lamb mortality. The research will allow the dams to naturally pass respiratory infections onto their lambs as normally happens in the wild. Animals are euthanized at the end points previously established.
5. Scientific justification why pain and/or distress could not be relieved: Any treatment after clinical signs of infection may change the bacterial makeup of the infection as detected at necropsy. In addition, attempting to provide NSAIDS or other symptomatic treatment to wild animals requires handling that may itself cause more problems than the disease.
6. What, if any federal regulations require this procedure? **N/A**