

# Sundre/Caroline Livestock Study

Cheryl Waldner DVM Phd

The objective of the Caroline Livestock Study (CLS) study has been to examine productivity and health information from domestic livestock as one indicator of the potential long-term environmental impact of oil and natural gas developments in a rural area. Detailed biological accounting methods were developed to measure the health and productivity of cow-calf herds in an area with intensive oil and gas production. From 1991 through calving 2007, cow production records from 21,474 recorded bull contacts were examined from nine different area cow-calf herds. The median risks for non-pregnancy, abortion, calving late, stillbirth, and calf mortality for local herds did not differ substantially from other published reports.

Report