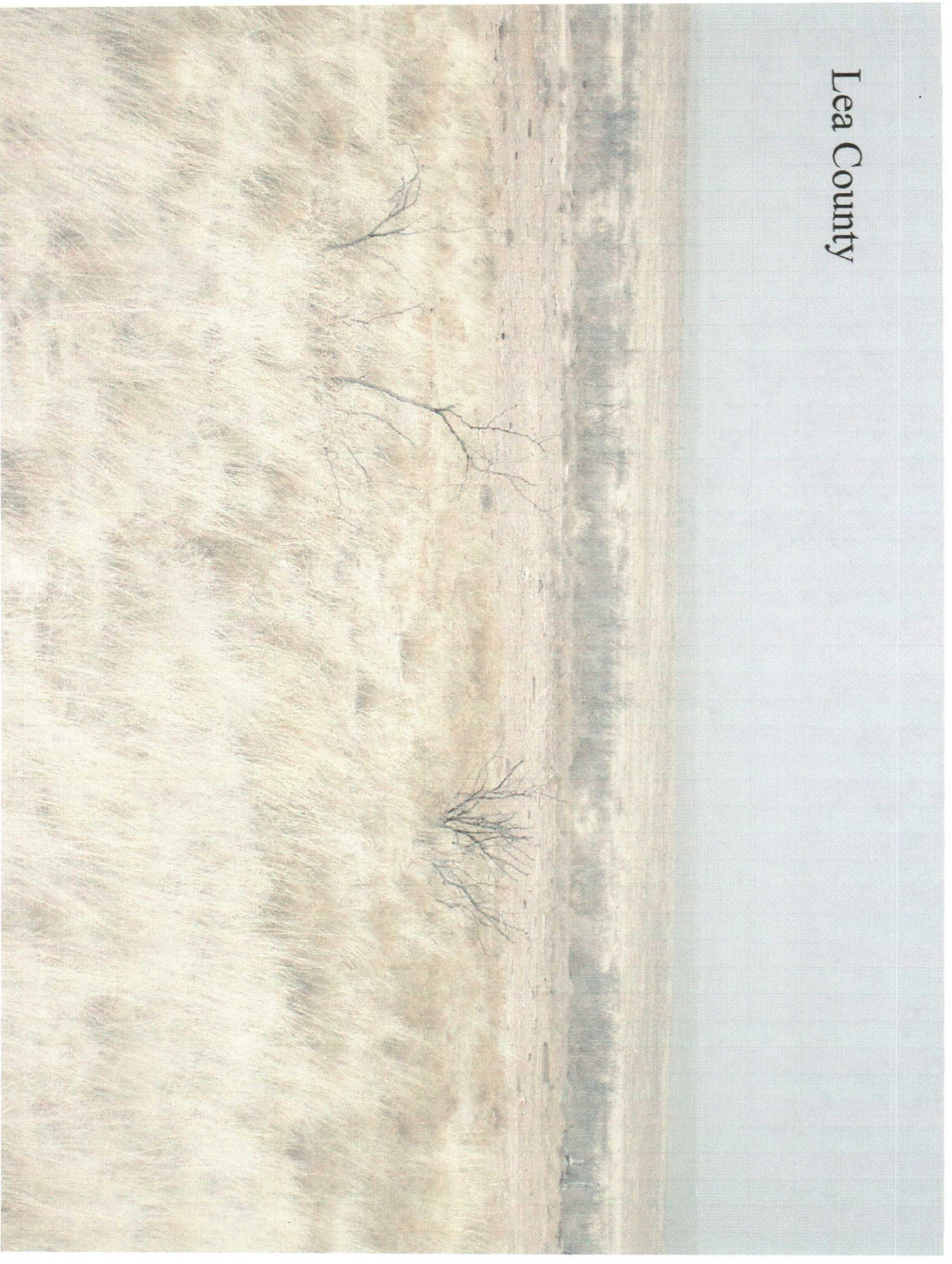


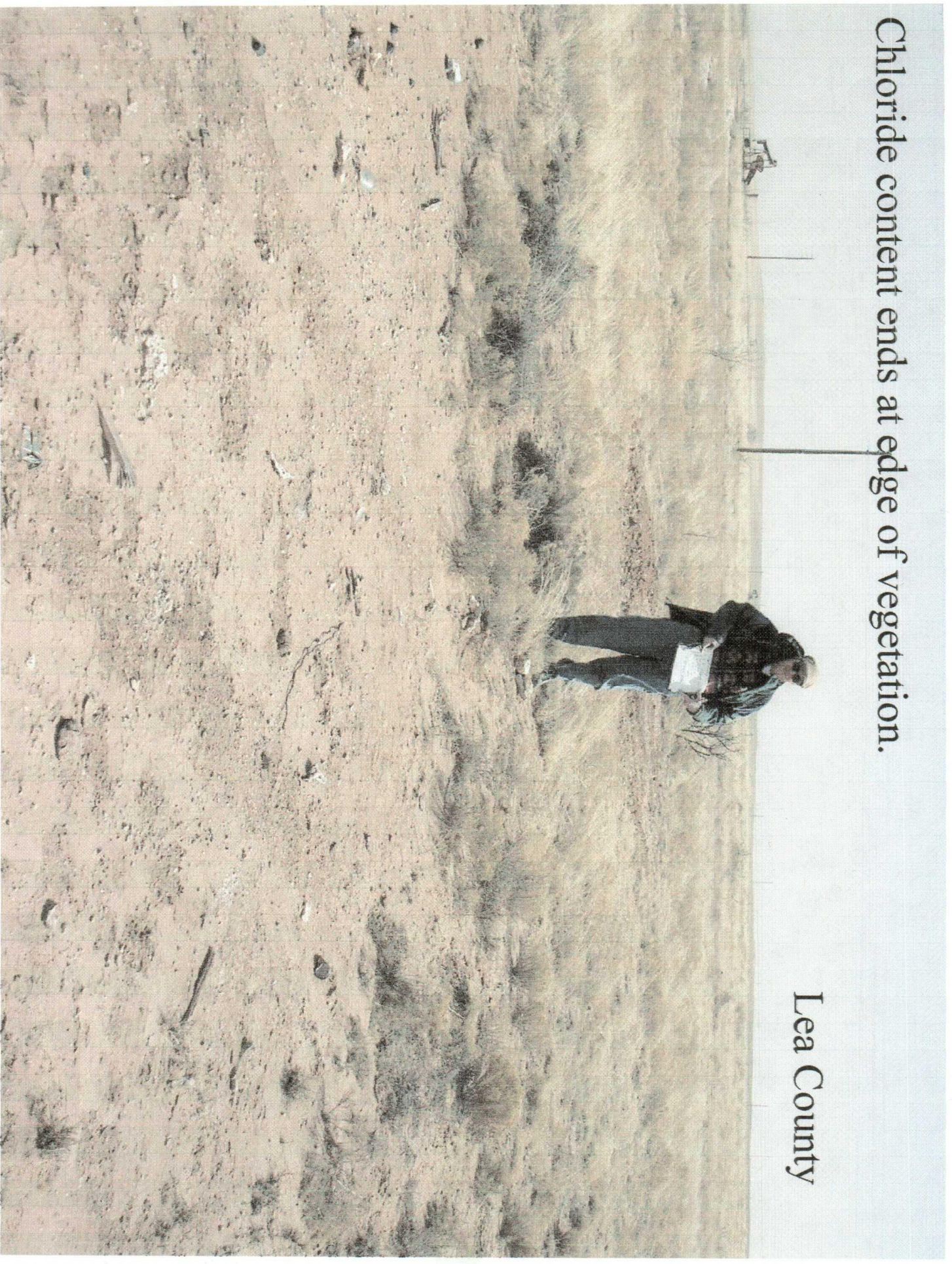
Lea Co. Mar-Apr '06

Lea County



Chloride content ends at edge of vegetation.

Lea County





Chloride and sodium

The standards for near-surface soils should be based on the effects of sodium and chloride on plants and soil organisms, as well as on the threat to ground water.

Salt issues, concluded.

From the literature:

$EC < 4$, $SAR < 5$.

From other literature and sampling:

Soil Chloride < 500 .

Remember, the reported investigations
were usually done with well-watered soils!

OUTLINE

SCIENCE

- Modeling: absolute vs relative answers
- Salt, sodium, and chloride in soil
- ▶ Petroleum hydrocarbons in soil
- Statistics and sampling

PROPOSED RULES AND CLOSURE

- Bonding
- Design of facilities
- Monitoring and sampling
- Bioremediation endpoint

Petroleum hydrocarbons in soil

**Salanitro, et al. studies of
bioremediation and toxicity**