

OBTAINING GRANTS

JIM CROSSWHITE
EC BAR RANCH
NUTRIOSO, ARIZONA

QUIVIRA COALITION ANNUAL MEETING
JANUARY 15, 2005



IMPROVEMENT STEPS

1. RESTORATION PRACTICES

Grant Programs

2. MAINTENANCE OF PRACTICES

Conservation Security Program

3. LONG TERM PROTECTION

Conservation Easement



PRIVATE LANDOWNER GRANT PROGRAMS

- **NATURAL RESOURCES CONSERVATION SERVICE (CRP, CSP, EQIP, GRP, WRP, WHIP – soil quality)**
 - **ENVIRONMENTAL QUALITY DEPARTMENT (EPA, CWA, SEC. 319h – water quality)**
 - **US FISH & WILDLIFE SERVICE (PFW, PSP, SEC. 6, SHA – wildlife habitat)**
 - **GAME & FISH DEPARTMENT (LCA, LIP – wildlife habitat)**
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GRANT PROGRAM FEATURES

- ADMINISTRATION
 - APPLICATION
 - CONTRACT
 - IMPLEMENTATION
 - REPORTING
 - REIMBURSEMENT
 - MONITORING
 - OUTREACH
- 

Practices by Category



Riparian Restoration Implementation Plan reflects restoration practices and monitoring on Nutrioso Creek.



Riparian Fencing allows rotational grazing of riparian pastures.



Elk Fencing excludes elk activities from upland and riparian pastures.



Water Wells installed off-channel provide water for livestock, wildlife, and irrigation purposes.



Drinkers are used by livestock and wildlife as an alternative to entering the creek for daily waterings.



Irrigation Sprinkler Systems utilize water resources more efficiently than earth ditches.



Brush Management reduces undesirable brush so native grass can provide forage and reduce soil erosion.



Planting Willows and other woody vegetation helps improve water quality and wildlife habitat.



Grass Seeding stabilizes streambanks and reduces erosion from riparian and upland pastures.



Stream Grade Stabilization Structures help create floodplains and raise the water table.



A **Livestock Bridge** allows livestock to cross the creek without impacting streambanks or riparian vegetation.



Invasive Species/Noxious Weeds must be controlled so native vegetation is not replaced by undesirable weeds.



Vegetative Monitoring allows comparison of changes in the condition of riparian and upland pastures.



Elk and Avian Monitoring allows evaluation of changes in wildlife activities.



Outreach provides information to interested persons about conservation practices on the EC Bar Ranch.

MOTIVATION

- T & E SPECIES RECOVERY PLAN?
- TMDL FOR TURBIDITY REPORT?
- POTENTIAL FOR LITIGATION?
- NEED TECHNICAL HELP?
- WANT ECONOMIC INCENTIVES?





- [Agency Partnership's Conservation Practices](#)
- [Riparian Restoration](#)
- [Noxious Weeds](#)
- [Maps](#)
- [Frequent Questions](#)
- [Movies](#)
- [Publicity](#)
- [Other Websites](#)
- [Contact EC Bar Ranch](#)
- [Scenic property for sale](#)



"One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man."

In recent years, projects on the EC Bar Ranch have been implemented that demonstrate how the integration of conservation and sustainable agricultural practices can improve ranching economics, water quality, and wildlife habitat while meeting public policy objectives.

"He who knows what sweets and virtues are in the ground, the waters, the plants, the heavens, and how to come at these enchantments, is the rich and royal man." Ralph Waldo Emerson

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