



**CONSERVATION ENHANCEMENT ACTIVITY**  
**New Mexico Supplement**

**CONSERVATION**  
**STEWARDSHIP**  
**PROGRAM**

**E382B**

**Installing electrical fence offsets and wire for cross-fencing to improve grazing management**

**Conservation Practice 382: Fence**

**APPLICABLE LAND USE: Pasture, Range**

**RESOURCE CONCERN: Soil**

**ENHANCEMENT LIFE SPAN: 20 Years**

**Enhancement Description**

Retrofitting conventional fences such as barb wire, with new electrical offsets and electrical wire to facilitate cross-fencing for improved grazing management.

**Criteria**

- Electrical offsets will be attached to conventional fences to provide installation points for electrical tape, poly-wire, or other NRCS state approved electrical wire fence that will construct cross-fencing.
- The type and design of the fence retrofitting or construction will meet the management objectives and site challenges.
- The conventional or existing fence must meet state technical standards prior to the retrofit of the offsets.
- The offsets and electrical fence Implementation Requirement (IR) or jobsheet will specify:
  - Animal species of concern, both wildlife and domestic
  - Installation of cross-fence according to the conservation plan map
  - Installation of offsets and electric fence according to fence specifications

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## New Mexico Requirements:

- Electric offsets will be used to add 12.5-gauge high tensile galvanized wire onto an existing non-electric fence so that temporary electric fence can be installed as cross-fencing to improve grazing management.
- The existing non-electrified fence does not need to meet the New Mexico fence practice standard. However, the NRCS field office will determine whether braces, cross wires or other parts of the existing fence need to be fixed or retrofitted to adequately control livestock. This enhancement is not to be used to electrify a conventional fence that does not adequately contain livestock.
- Electric offsets will have high tensile galvanized steel that securely attaches to existing non-electrified fences. The offset will have a UV stabilized insulator attached to the high tensile galvanized wire.
- The offset needs to be approximately 12 inches.
- If participants are not aware of the type of offset that should be used, please ask prior to purchasing any supplies.
- The grounding system design and minimum voltage will meet New Mexico NRCS specifications. These specifications will be provided with the NRCS Implementation Requirement (IR) or jobsheet.



Example of 12"

## Adoption Requirements

This enhancement is considered adopted when the criteria is met, documentation records are provided, and results viewed on the planned location.

## Documentation and Implementation Requirements

### **Participant will:**

- Prior to implementation, obtain NRCS Implementation Requirement (IR) or jobsheet

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that provides the construction specification for the offsets and electric cross-fence.

- Prior to implementation, develop a map with assistance from NRCS as needed, which identifies the location(s) of the conventional fence and the location(s) of the retrofitting with offsets and electrical cross-fencing.
- Prior to implementation, consult with NRCS on the quality of the existing conventional fence.
- During implementation, consult with NRCS if there are any changes or modifications to the material or construction techniques.
- After implementation, provide a map of the actual location(s) of construction of the offsets and electrical cross-fence(s) for review.
- After implementation, provide pictures of newly constructed offsets and cross-fence(s) showing the specified construction specifications were implemented.

**NRCS will:**

- Provide technical assistance as requested.
- Prior to implementation, as requested, assist the participant in the development of a map identifying the location(s) of the conventional fence and the location(s) of the retrofitting with offsets and electrical cross-fencing.
- Prior to implementation, develop an Implementation Requirement (IR) or jobsheet with construction specifications.
- Prior to implementation, provide technical determination of the quality of the existing conventional fence to state technical standards.
- During implementation, assist the participant with any modifications to the construction specifications when needed.
- After implementation, review offsets and electric cross-fence(s) location map.

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- After implementation, certify offset and cross-fence(s) construction meets the Implementation Requirements (IR) or jobsheet design.

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### New Mexico Requirements:

- The IR or jobsheet will specify the needed retrofits or improvements to the existing fence.
- The electrified cross-fence must be installed according to implementation requirements identified in Jobsheet.
- Payment will be made for linear feet of electrical offsets attached to conventional fence.
- No payment will be made for linear feet of cross fences. This can be done through E528R Management Intensive Rotational Grazing in combination with E382B.

### NRCS Documentation Review:

I have reviewed all required participant documentation and have determined the participant has implemented the enhancement and met all criteria and requirements.

Participant Name \_\_\_\_\_ Contract Number \_\_\_\_\_

Total Amount Applied \_\_\_\_\_ Fiscal Year Completed \_\_\_\_\_

\_\_\_\_\_  
NRCS Technical Adequacy Signature                      Date

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