

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP COMMITTEE  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number: 15-102

**PROJECT INFORMATION**

**Project Title:** Kevin McFee Water Line Replacements

**Region and Game Management Unit:** Region I - GMU 2B

<b>Local Habitat Partnership Committee (LHPC):</b> • Springerville HPC	<b>Was the project presented to the LHPC?</b> YES[X] NO[]
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**Has this project been submitted in previous years?** YES[] NO[X]  
**If Yes, was it funded?** YES[] NO[X] → **Funded HPC Project #(s):**

**Project Type:** Run new water line from a refurbished well to a refurbished water storage tank and trough

**Brief Project Summary:**  
 Replace approximately 3 miles of corroded non-functional water line from a well (rancher in progress of restoring with a solar pump) to a steel storage tank with trough (rancher recently finished restoring concrete liner) and add a tire trough and 4000 gallon storage tank to system. This steel tank/trough is the only water source on this mesa serving 16000 acres. There are 2 very small dirt tanks on the mesa in which neither of them hold water. Both are currently dry after all the summer rain. The tank/trough and additional tire trough will be the only perennial wildlife water sources for 2.5 miles without excessive human disturbances. A stewardship agreement will be put in place to ensure water availability to wildlife for the life of the project, 5 years.

**Big Game Wildlife Species to Benefit:** Mule deer, Pronghorn, Elk

<p><b>Implementation Schedule</b> (Month/Day/Year):</p> <p><u>Project Start Date:</u> Upon award</p> <p><u>Project End Date:</u> 12/31/2016</p>	<p><b>Environmental Compliance:</b></p> <p>NEPA Completed: Yes[] No[] N/A[X]          Projected Completion Date: _____</p> <p>State Historic Preservation Office - Archaeological Clearance:          Yes[] No[] N/A[X]          Projected Completion Date: _____</p> <p>Arizona Game and Fish Department EA Checklist: N/A[]          To be Completed by: <u>Joel Weiss</u>          Projected Completion Date: <u>upon award</u></p>
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**PROJECT FUNDING**

<b>Special Big Game License Tag Funds Requested:</b>	\$ 12,927.63
<b>Cost Share or Matching Funds:</b>	\$ 16,125.00
<b>Total Project Costs:</b>	<b>\$ 29052.63</b>

**PARTICIPANT INFORMATION**

<b>Applicant</b> (please print): Kevin McFee	<b>Address:</b> PO Box 1303 Eagar, AZ 85925	<b>E-mail:</b> Rimrocked.km@gmail.com
<b>Telephone:</b> Cell 928-551-7375		<b>Date:</b> 8/28/15

**AGFD Contact and Phone No.** (If applicant is not AGFD personnel):

Joel Weiss 928-242-7492

**Project has been coordinated with:**

Kevin McFee, AGFD

**NEED STATEMENT – PROBLEM ANALYSIS:**

Water is a limiting factor for wildlife in this area with very few natural water sources. This project would provide a highly needed water source for wildlife. The closest water source to this area is approximately 2 miles (Lyman Lake-a lot of human disturbance on hot days) and approximately 2.5-3 miles from water tanks at Kevin McFee's well and the Udall tank (which is amongst the TEP power plant wells which have high traffic volume from TEP employees). Mr. McFee is in the process of installing a solar pump and panels on an existing well which is fully functional. He has restored the steel water storage tank/trough on the mesa and has purchased a 4000 gallon storage tank to place near the tire trough requested.

**PROJECT OBJECTIVES:**

Increase perennial water distribution for wildlife in the southwest portion of hunt unit 2B.  
Replace water lines to steel storage tank and trough and add a second trough to system to provide water for wildlife year around and cattle while rotating through the pastures.

**PROJECT DESCRIPTION AND STRATEGIES:**

Lay approximately 3 miles of water line above ground (to rocky to bury) connecting to a 4000 gallon storage tank and tire trough on southern end of mesa and continuing line to steel storage tank/trough on north end of mesa. Connect tanks and tire trough to pump and install float system in tire trough to control water level/flow.

**PROJECT LOCATION:**

Game management 2B south of St. Johns, AZ east of Lyman Lake State Park, UTM 12S 0655225 3803891.

**LAND OWNERSHIP AT THE PROJECT SITE(S):**

(if the project area is private property, please state specifically and provide the landowner's name)

- Private property owned by Kevin McFee. Mr. McFee owns approximately 960 acres and leases approximately 15040 acres of AZ State Trust land at this location in which he allows year around hunting and recreational access via vehicle or foot.

*IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*

YES[] NO[] N/A[]- A stewardship agreement will be put in place for the project upon award.

**HABITAT DESCRIPTION:**

Mixed pinon/juniper intermixed with open and semi-open grassland.

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

15840 feet 1 1/4" poly pipe @ \$0.68/foot: \$10771.20  
1 rubber tire trough: \$800.00  
1 float valve: \$90.00  
Pipe fittings (transitions, valves, gates): \$297.00  
20 feet 1 1/4" galvanized pipe: \$49.00

Subtotal: \$12007.20  
6% sales tax: \$720.43  
Misc. hardware \$200.00

Total: \$12927.63

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

Transport pipe, storage tank and tire trough to work site from Eagar, AZ: \$500.00  
Poly welder: \$100.00  
Pickup truck/UTV: \$500.00  
Labor: \$2800.00  
Purchase and installation of heavy duty Solar pump, 15 solar panels, frame and wiring: \$8125.00  
Purchase of 4000 gallon storage tank: \$2600.00  
Restoration of steel tank/trough: \$1500.00

Total: \$16,125.00

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Kevin McFee: provide equipment and labor for installation of rubber tire trough and water line.

**WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?**

YES[] NO[] N/A[X]

**PROJECT MONITORING PLAN:**

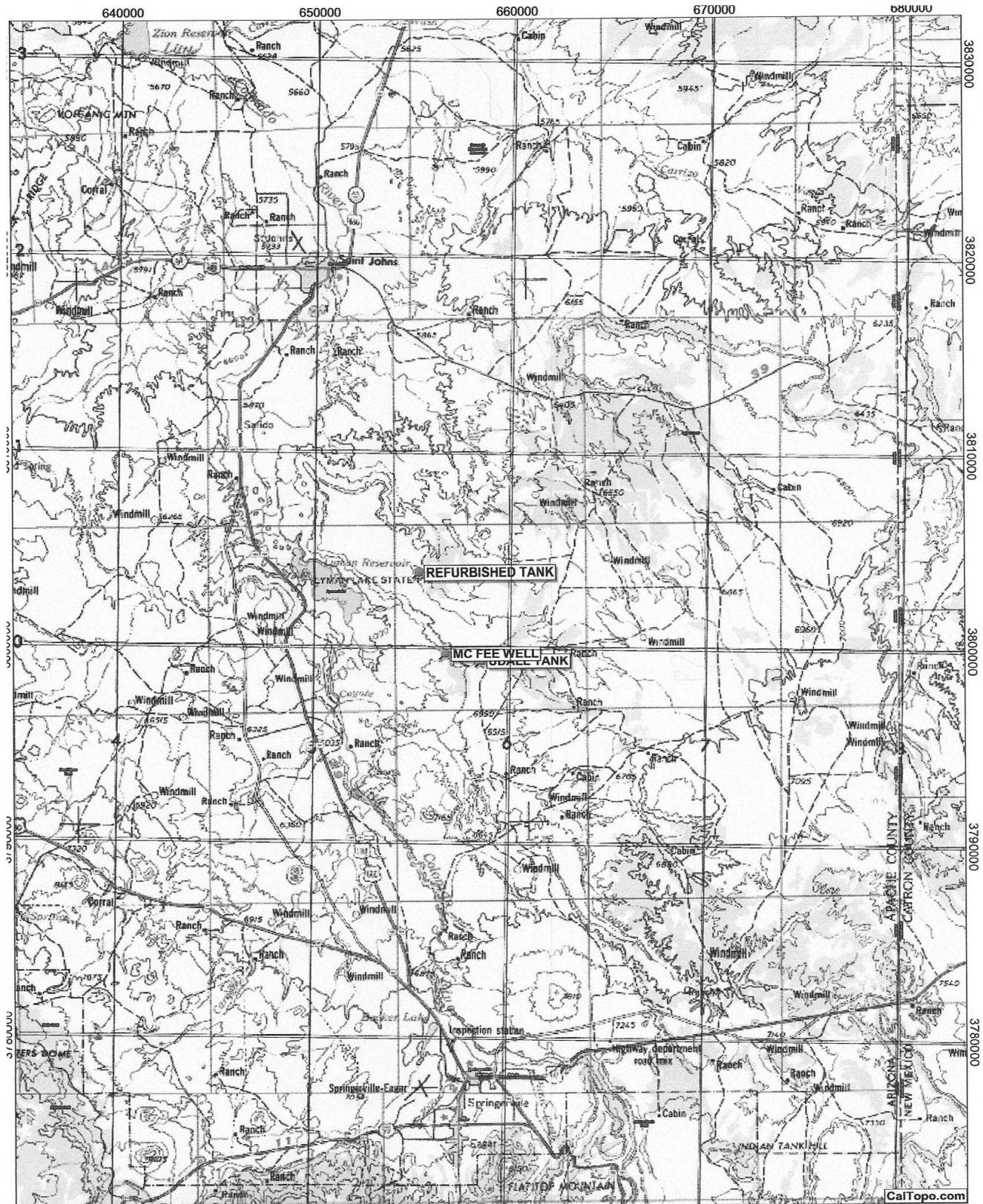
Monitoring provided by land owner and GMU 2B Wildlife Manager.

**PROJECT MAINTENANCE:**

Maintenance provided by land owner.

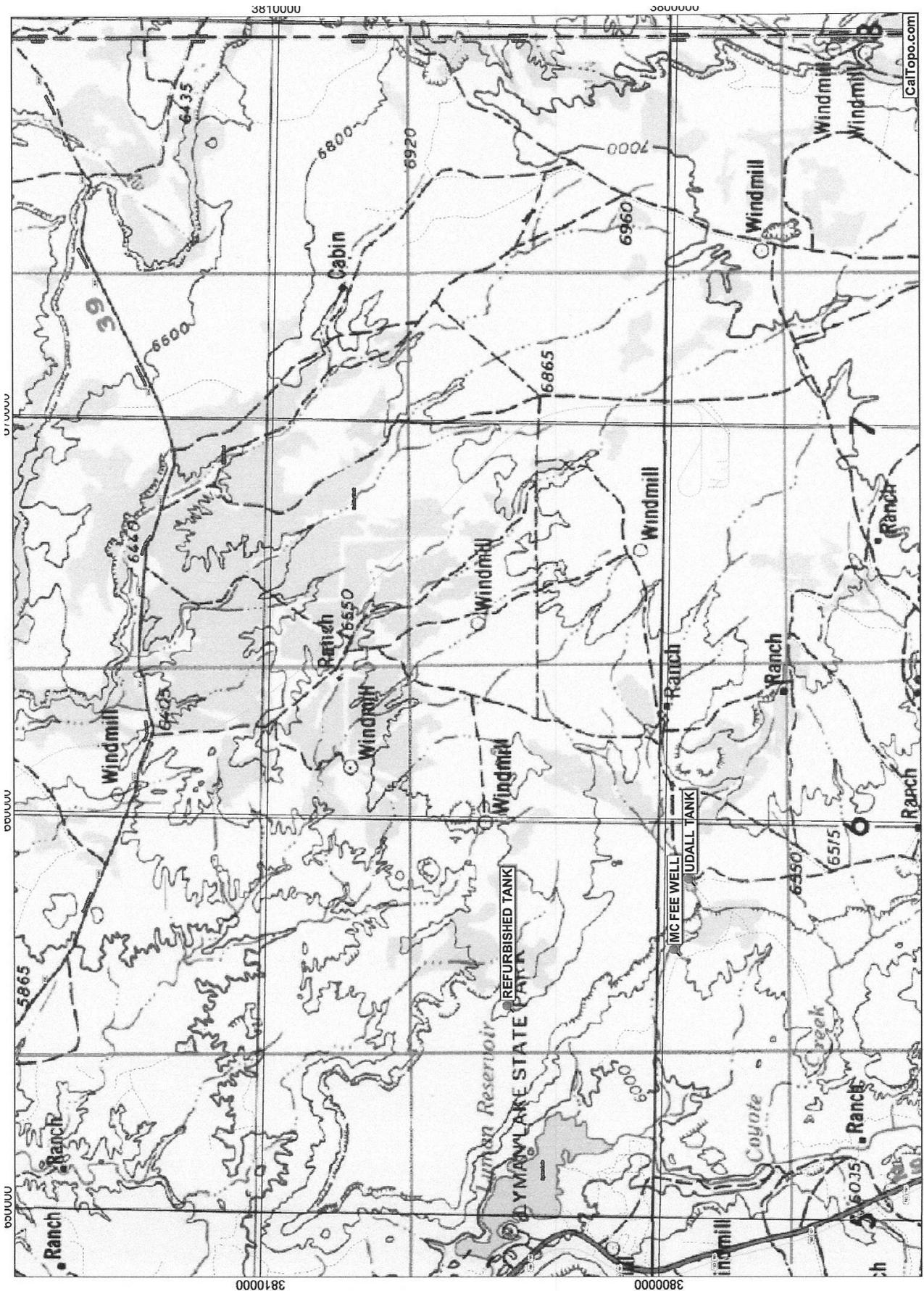
**PROJECT COMPLETION REPORT TO BE FILED BY:**

Joel Weiss-AGFD



2 mi

CalTopo.com



CalTopo.com



**Restored steel tank/trough**