

# AZ Sportsmen For Wildlife Conservation GRANT COMPLETION REPORT

**Project Title:** Arizona Mule Deer Org Unit 42 solar project

**Organization:** Arizona Mule Deer Org

**Grant #:** 2024-Q2-05 (Found on award letter for grants approved beginning in May 2022)

**Event/Project Completion Date:** 07/26/2025

**Project Location:** Unit 42 south east of Wickenburg, AZ

**Submitted By:** Terry Herndon

**E-mail:** terry@azmuledeer.org

**Phone #:** 623-696-5579

**Today's Date:** 08/07/2025

## AZSFWC Recognition:

**AZSFWC Logo and Link to AZSFWC on organization's website?** (attach screen print image) Yes  No

**License Plate Image w/link to MVD on organization's website?** (attach screen print image) Yes  No

**AZSFWC Logo displayed at event?** (attach photo(s)) Yes  No

**AZSFWC recognized in all marketing materials & post event articles?** (attach all samples) Yes  No

**List any social media recognition of AZSFWC** (include all screen print images) Facebook/ Website

**Was there any media or press coverage?** (attach copies if available) Yes  No

**List any other recognition: Verbal notification at 7 banquets and one announcement on podcasts with The Bloodline and Precision Hunting Supply.**

**Summarize Project Accomplishments:** AMDO and our partners PHXSCI and Valley of the Sun QF, and the wildlife manager and his son, are pleased with this outcome. We started with a dilapidated old cement catchment and a well head that has not functioned in over 20 years. We took this wellhead and turned it into an oasis for wildlife. We purchased a turnkey solar unit from RPS Solar out of California and after setting the pole for the panels and clearing out the old tank, we then started the preparation of the pump. It took several modifications to get it completed but we now have a steady flow of water from the well that held over 365 static feet of water. The plumbing of the old domestic sheep trough was completed with a MEGA float valve and water was flowing into the trough. We also patched the 10,000-gallon cement tank and the trough and the rancher has kept tabs on the water flow.

## Measurable Results (Fill in all that are applicable):

**Attendees** (If project was an event, list total # of participants, excluding staff, visiting parents, etc): \_\_\_\_\_

**Visitors** (If the project is an interpretive display, list total # of annual visitors): \_\_\_\_\_

**Brochures, Pamphlets, etc.** (If the project is a brochure, publication, poster or video, list the total produced and distributed): \_\_\_\_\_

**Other** (please explain): \_\_\_\_\_

**Budget** (specifically describe how AZSFWC funds were used; e.g. program promotion, type of equipment, materials and/or supplies, etc.)

Budget Item	Planned	Actual
<b>RPS Solar Turnkey Solar Package</b>	<b>3500.00</b>	<b>3336.97</b>
<b>1000 Gallon water holding tank</b>	<b>1000.00</b>	<b>750.00</b>
<b>Electrical PVC pipe with connection and glue</b>	<b>150.00</b>	<b>165.00</b>
<b>2" PVC pipe (10 ft) with three elbows and a union</b>	<b>25.00</b>	<b>32.50</b>
<b>1 1 ¼ galvanized union with 18" galvanized threaded pipe</b>	<b>60.00</b>	<b>52.75</b>
<b>1 MEGA float valve</b>	<b>100.00</b>	<b>63.92</b>
<b>1 pack of 10 Cement connectors for electrical PVC</b>	<b>40.00</b>	<b>43.00</b>
<b>6 bags of quickcrete cement for solar pole</b>	<b>35.00</b>	<b>44.82</b>
<b>1 8' grounding rod copper</b>	<b>20.00</b>	<b>21.99</b>
	<b>\$4,930.00</b>	<b>\$4,510.95</b>

**Project Cooperator(s)** (please include any in-kind contributions):

Cooperator (no abbreviations)	Amount Contributors
<b>Arizona Sportsman For Wildlife Conservation (Grant)</b>	<b>4200.00</b>
Professional electrical installation at \$45.00 hour at 25 hours = \$1,125.00 (in kind) <del>plus 4 hours professional plumber at \$40.00 per hour = \$160.00 (in kind) basic labor</del>	\$2,738.00
Phoenix SCI 50 hours including travel time, Valley of the Sun QF 25 hours including travel <del>time, Arizona Mule Deer Organization, 125 hours travel time, planning, and purchasing</del>	\$4,423.75
O'Haca Ranch will maintain the solar, the well, the catchment and the troughs. The well <del>was paid for by this ranch as well, although it was over 25 years ago.</del>	Unknown cost over the <del>life of the project.</del>

## Photographs







