

PROJECT COMPLETION REPORT

CONTACT INFORMATION

PROJECT CONTACT	PHONE	EMAIL	AGENCY
John Millican	520-508-4272	J2dbmill@msn.com	AZ Antelope Foundation

PROJECT SUMMARY

COMPLETION DATE	PROJECT NAME	HPC PROJECT #	GMU #
March 13, 2017	Back Pasture Dirt Tank Cleanout and Repair	Not Applicable	30A

GPS COORDINATES AND/OR GIS SHAPEFILE OF PROJECT SITE

Datum: WGS 84 12R 31.58755 109.14861 Back Pasture Tank

COOPERATING AGENCIES, CONSERVATION GROUPS, LANDOWNERS, ETC

ED ASHURST – RANCH MANAGER OF 10X RANCH
MIKE RICHINS - AZGFD WILDLIFE MANAGER, GMU 30A
DON DECKER – NRCS RANGELAND MANAGEMENT SPECIALIST, DOUGLAS
DUANE AUBUCHON – REGION 5 FIELD SUPERVISOR
GLEN DICKENS – ARIZONA ANTELOPE FOUNDATION VICE-PRESIDENT
TERRY HERNDON – ARIZONA REGIONAL DIRECTOR , MULE DEER FOUNDATION AND
CLYDE WEAKLEY – MDF PROJECT COORDINATOR FOR SE ARIZONA
PATRICIA CASTALIA – DESERT ARCHAEOLOGY, INC. SHPO – MARY-ELLEN WALSH

PROJECT ACCOMPLISHMENTS

MECHANICAL CLEANOUT OF BACK PASTURE TANK ON TEN X RANCH, LOCATED IN SAN BERNARDINO VALLEY IN COCHISE COUNTY. THE BACK PASTURE DIRT TANK IS LOCATED ON PRIVATE PROPERTY, AND HAS NOT BEEN CLEANED IN OVER 20 YEARS. OVER THAT TIMEFRAME THE DAM WAS BREACHED MAKING THE TANK UNUSABLE. DUE TO LACK OF MANAGEMENT, THE TANK SILTED IN AND DIDNOT PROVIDE YEARLONG WATER FOR WILDLIFE AND LIVESTOCK. CLEANOUT WORK COMPLETED BY A LICENSED CONTRACTOR, UTILIZING FRONT-END LOADER, REPAIRED THE

BREACHED DAM UTILIZING THE SEDIMENT THAT WAS REMOVED FROM THE TANK. AN ARCHAEOLOGICAL SURVEY WAS PERFORMED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

PROJECT RESULT ACTIONS

The cleanout and dam repair of the Back Pasture tank will enhance Pronghorn and Mule Deer habitat by providing yearlong, free-standing water to a portion of the Ten X Ranch that lacks an available yearlong water source. Estimated water storage that can be realized upon filling is 900,000 cubic feet. The design of the tank cleanout resulted in a gradual slope along all sides which will allow easy access for wildlife and livestock. Additionally, the existing siltation trap that was part of this tank was preserved and maintained, preventing silt and debris from entering during flood events.

Tank cleanout was completed on March 13, 2017.

TOTAL ACRES OF HABITAT RESTORED OR ENHANCED

5,973 acres based on a radius of 2 miles around the dirt tank.

BUDGET OVERVIEW (LEAVE BLANK IF UNAVAILABLE)

HPC DOLLARS SPENT	TOTAL PROJECT COST
Wildlife Conservation Committee License Plate \$10,400.00	\$12,400.00
Arizona Antelope Foundation – Archaeological Clearance \$2,000.00	

MAINTENANCE/MONITORING SCHEDULE

The Ten X Ranch will monitor and maintain the Back Pasture tank as required.

COMMENTS OR CONCERNS

Along with cleaning out the Back Pasture Tank, the Ten X had the contractor breach a dam on a tank approximately .5 miles south, which does not hold water. This tank was constructed within one of the drainages that feed the Back Pasture Tank. The breaching of this dam will aid in siltation management, reducing downstream erosion and facilitate the filling of the Back Pasture Tank.

PHOTOS



Overview of repaired dam



Downstream view of repaired dam



Overview of Back Pasture Tank repair



Overview of tank slope, and depth



Slope and depth



Sedimentation trap