

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

PROJECT INFORMATION	
Project Title: Ohaco Ranch High Point Well and Ellsworth Well Fuel 2011	Project No. 10-103
Region/GMU: 4A	HPC: Winslow
Project Type: Purchase fuel for Hi Point Well	
Project Description: Purchase 1000 gallons of fuel for the High Point and Ellsworth wells. High Point well feeds over 30 miles of buried pipeline with 26 drinkers locations. These drinkers are disbursed in a manner that about 50 sections of wildlife habitat are served from this well. Ellsworth well feeds 11 miles of buried pipeline with 9 drinkers. These drinkers are disbursed in a matter that about 20 sections of wildlife habitat are served from this well.	
Wildlife Species to Benefit: Elk 65% Deer 15% Antelope 20%	
Possible Funding Partners:	
Implementation Schedule: Beginning: January 2011 Completed: December 2011	
PROJECT FUNDING	
SBG Funds Requested: \$ 6000.00	
Cost Share Funds: \$ 11550.00	
Total Project Costs: \$ 17550.00	
PARTICIPANT INFORMATION	
Applicant: Ken Clay III Telephone: 928 289-5368	Address: 1144 Jolly Rd Winslow, AZ 86047
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: Ohaco Ranches	
Applicant's signature:	Date: August 24, 2010

SEND COMPLETED APPLICATIONS TO:
Game Branch
5000 W. Carefree Highway
Phoenix, AZ 85086
rthompson@azgfd.gov

NEED STATEMENT/PROBLEM ANALYSIS:

Perennial water on the north part of Unit 4A is limited to man-made structures. Stock ponds, wildlife catchments, and wells provide the majority of water to wildlife and cattle during dry periods. In the 1990 a HPC project was undertaken to create a water system to provide perennial water on the Ohaco Ranch. This was the Hi Point Well Project. Ellsworth Well has been in operation for over 30 year and provides wildlife an excellent source of water. Between the two water systems they provide water to over 70 sections pinyon-juniper and grassland habitat perennial water. It is important to wildlife and livestock to maintain and continue providing perennial on this system.

PROJECT OBJECTIVES:

Continue to partner with the Ohaco Ranch to provide 1000 gallons of fuel for Hi Point Well and 1000 gallons of fuel for Ellsworth Well.

PROJECT STRATEGIES:

- Continue year round operation of both High Point and Ellsworth Wells.
- These water systems affect over 70 sq/miles of habitat
- This water systems supplies water to 39 drinkers within this habitat

PROJECT LOCATION:

See attach map. Unit 4A just along the north west portion of Forest Service land and the Private Ranch just North of the Forest Service Boundary. These two well serves 39 drinkers and approximately 41 miles of pipeline. Water is located on both Forest Service and private land. The total wildlife habitat affected by this system is over 70 sq/miles.

LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):

USDA Forest Service
Ohaco Ranches

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

Yes

HABITAT DESCRIPTION:

Pinyon/Juniper habitat with large grassland openings. The area has a good mixture of browse.

ITEMIZED USE OF FUNDS: To Operate Both High Pt and Ellsworth Wells

	Man/Hours	Quantity	Cost	Total
Fuel		3500	\$3.00/gal	\$10,500.00
Operate Wells	410 hrs		\$15.00/hr	\$6150.000
Maintenance		9 times	\$100.00	\$900.00
				\$17,550.00

	Total Cost	\$17,550.00
SBG	Funds Requested	\$6000.00
Ohaco Ranches	Cost Share	\$11,550.00

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Ohaco Ranches

- Purchases remain fuel for the year (about 1500 gallons)
- Operate and maintain the well and the water system.

PROJECT MONITORING PLAN:

AZGF Wildlife Manager will monitor the High Point and Ellsworth wells to ensure perennial water is maintained.

PROJECT MAINTENANCE:

PROJECT COMPLETION REPORT TO BE FILED BY:

Ken Clay / Arizona Game and Fish

Figure 1: Map of Hi Point (Red Highlights) and Ellsworth (Blue Highlights) Water Systems

