Allotment 090

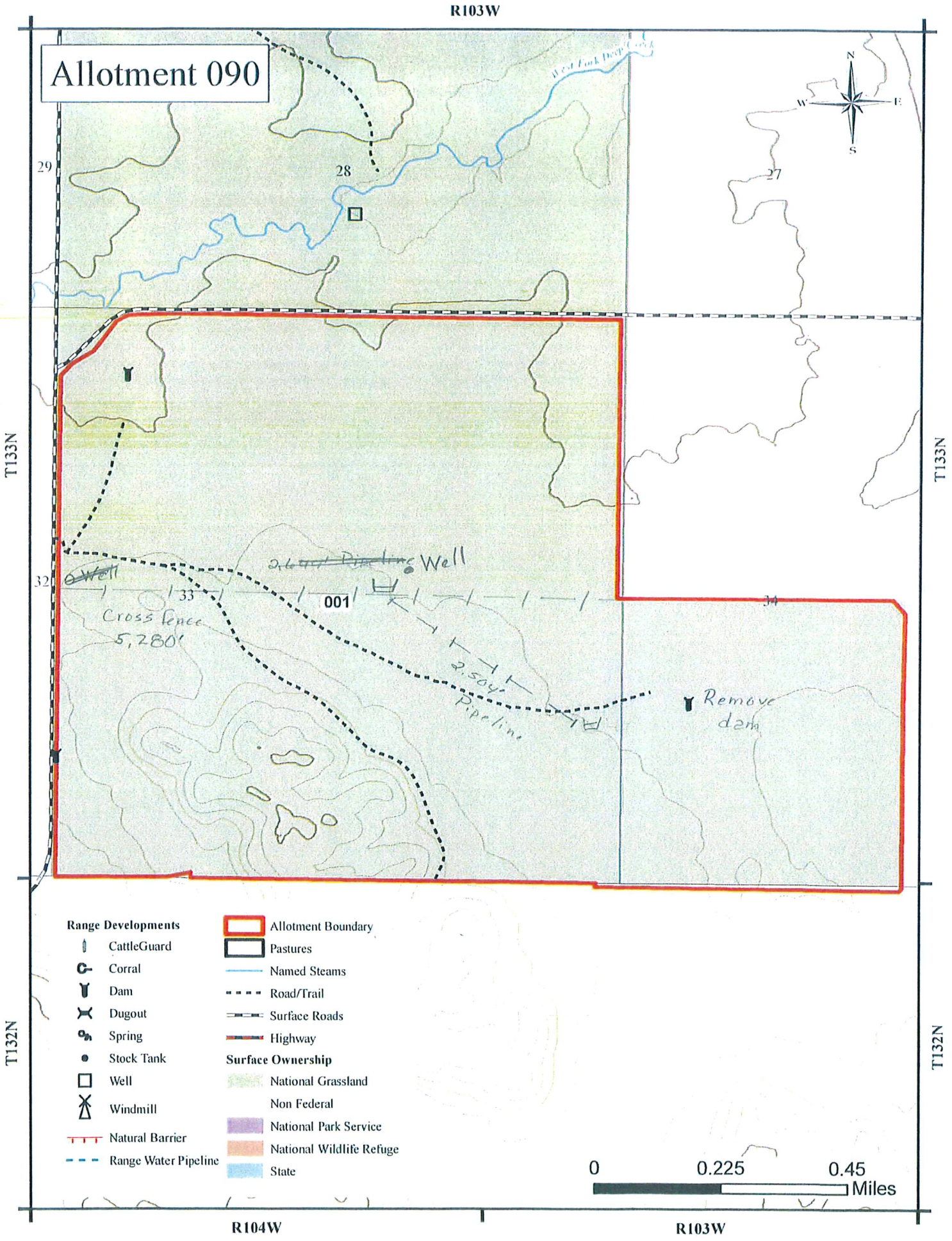
Current Management:

- Federal Permitted Use: 300 AUMs
- Federal Permitted AU: 200 head
- Season of use: 6/16 to 10/16
- The allotment consists of one pasture. Cattle are turned in mid-June and taken out mid-October. Cattle are seldom in allotment all 4 months due to lack of reliable water for livestock

Proposed Management:

Need	Initial Action	Adaptive Action
Vegetation Composition 5 Vegetation Plots: • Similarity Index: 3 plots (0-25%) 2 plots (26-50%) • Annual/pioneer perennial species, Native/invaded states Utilize Kentucky bluegrass and crested wheatgrass. Remove excess litter biomass.	Drill well in the SW ¼ of Section 33, T133N, R103W Install a pipeline with a stock tank in the middle of Section 33 and in the SE ¼ of Section 33, T133N, R103W Install cross fencing in Section 33, T133N, R103W to create two pastures Adjust season of use by implementing a two-pasture deferred rotation	Hay areas of decadent crested wheatgrass Pipe water from private land in the south to a stock tank near the center and in the SE ¼ of Section 33, T133N, R103W
Vegetative Structure By biologically capable habitat type (total of 26 transects between 2005 and 2012): • 2 low, 16 moderate, 8 high structure By biologically capable ESDs (total of 25 transects in years 2005, 2006, 2008, 2009, 2012, 2015): • Transects average: 8.3% low, 58.3% moderate, 33.3% high structure • Stations average: 18.2% low, 67.7% moderate, 14.1% high structure	Manage for Grasslands Plan desired structure objectives.	If not meeting objectives, implement Grazing Management Toolbox as applicable
Riparian Condition	Remove dam in SW ¼ of Section 34, T133N, R103W	

↳ Is the right dam to remove?


R103W
Allotment 090
N
W
E
S
29
28
27
T133N
T133N
32
33
34
001
Well
Cross Fence
5,280'
2.5aya
Pipeline
Remove
dam
T132N
T132N
Range Developments
CattleGuard
Corral
Dam
Dugout
Spring
Stock Tank
Well
Windmill
Natural Barrier
Range Water Pipeline
Allotment Boundary
Pastures
Named Steams
Road/Trail
Surface Roads
Highway
Surface Ownership
National Grassland
Non Federal
National Park Service
National Wildlife Refuge
State
0
0.225
0.45
Miles
R104W
R103W

Allotment #090 DCVMP practices needed to implement Allotment Management Plan						
Initial Action	**Units**	**Cost per unit**	**Total Cost**	**60%**	**40%**	**Priority**
Well	300 ft	$43.00/ft	$ 12,900.00	$ 7,740.00	$ 5,160.00	
Solar pump	1 each	$3000 each	$ 3,000.00	$ 1,800.00	$ 1,200.00	
Pipeline	2504 ft	$3.84/ft	$ 9,615.36	$ 5,769.22	$ 3,846.14	
Tank	2 each	$2000 each	$4,000.00	$ 2,400.00	$1,600.00	
Cross Fence	5,280 ft	1.40/ft	$ 7,700.00	$ 4,620.00	$ 3,080.00	
Total cost			**$ 37,215.36**	$ 22,329.22	$ 14,886.14	
Remove dam?	OHF funds					

				RCPP	OHF	Member
Well	RCPP	OHF	Member	$ 7,740.00	$ 3,870.00	$ 1,290.00
Solar pump	RCPP	OHF	Member	$ 1,800.00	$ 900.00	$ 300.00
2504' pipeline	RCPP	OHF	Member	$ 5,769.22	$ 2,884.61	$ 961.54
2 tanks	RCPP	OHF	Member	$ 2,400.00	$ 1,200.00	$ 400.00
Cross fence	RCPP	OHF	Member	$ 4,620.00	$ 2,310.00	$ 770.00
				$ 22,329.22	$ 11,164.61	$ 3,721.54

$ 37,215.37