MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Altus, Frederick, Hobart, Hollis, Mangum, Sayre, Walters
3.	MLRA	78C Central Rolling Red Plains
4.	COMMON RESOURCE AREA (CRA)	078C.40.017
5.	RESOURCE INTERPRETATIONS	*for each resource enter available interp data*
5.1	SOIL	Technical and Nontechnical Interpretations Rangeland Interpretations
5.2	WATER	Water Quality and Quantity Interpretations
5.3	AIR	N/A
5.4	PLANT	Rangeland Interpretations
5.5	ANIMAL	N/A
5.6	HUMAN	N/A
6.	HYDROLOGIC UNIT	11120105016, 11120202016, 11120302016, 026, 030, 11120303020, 050, 11120304020, 11130101015, 020, 030, 11130102010, 020, 11130201010
7.	SYSTEM TEMPLATE LABEL	FQDZ1
8.	SYSTEM NAME	Rangeland, Master CMS
9.	PLANNING PHASE	Non-Benchmark
10.	PLANNING LEVEL	Resource Management System
11.	NRCS LANDUSE	GRAZED RANGE
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. 314 Brush Management
2. 338 Prescribed Burning
3. 342 Critical Area Planting
4. 362 Diversion
5. 382 Fence
6. 393 Filter Strip
7. 410 Grade Stabilization Structure
8. 472 Use Exclusion
9. 528A Prescribed Grazing
10. 550 Range Planting
11. 580 Streambank and Shoreline Protection

13. SYSTEM NARRATIVE *describe how the practices work together as a system*

This conservation management system consist of loamy and sandy soils in the floodplains of Prairie Dog Town, Salt, Elm, and North Forks of the Red River. Most of the acreage supports tall grasses and woods including oak, elm, pecan, willow, saltcedar, and cottonwood. Critical area planting, grade stabilization structures, diversions, and streambank and shoreline protection will help stabilize eroding banks and headcuts. Fencing, prescribed burning, and livestock exclusion will protect new seedings and other critical areas for establishing cover. Filter strips will trap sediment from runoff and for all new plantings species and varieties should be selected that are known to be suitable to the site conditions and the client's needs. Filter strips will trap sediment from runoff. A grazing plan will be developed that will recommend stocking rates, grazing schedules, etc. Where feasible, undesirable trees and brush will be controlled with approved methods.

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	1. Scour Erosion	1. Soil Loss = 0 tons/year	1. Soil Loss Reduced by 50 tons/year
	2. Streambank Erosion	2. Soil Loss = 0 tons/year	2. Soil Loss Reduced by 50 tons/year
	3. Brush Infestation	3. Brush Canopy < 10%	3. Brush Canopy Reduced by 20%
	4. Forage Production	4. Carrying Capacity > 1.1 AUMs	4. Carrying Capacity Increased by 0.69 AUMs
	5.	5.	5.
	6.	6.	6.
	7.	7.	7.

CRA con't		SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION *List resource concerns, then indicate yes/no*		
	1.Scour Erosion	_X__YES	____NO
	2.Streambank Erosion	_X__YES	____NO
	3.Brush Infestation	_X__YES	____NO
	4.Forage Production	_X__YES	____NO
	5.	____YES	____NO
	6.	____YES	____NO
	7.	____YES	____NO
	8.	____YES	____NO
	9.	____YES	____NO
	10.	____YES	____NO

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office	Altus, Frederick, Hobart, Hollis, Mangum, Sayre, Walters	CRA	078C.40.017	System Template Label	FQDZ1
Soil Interpretations	Technical and Nontechnical Interpretations, Rangeland Interpretations						

Resource Concerns / Conservation Practices	Scour Erosion	Streambank Erosion	Brush Infestation	Forage Production				
314 Brush Management	N/A	+ +	+ + +	+ + +				
338 Prescribed Burning	N/A	N/A	+ + +	+ + +				
342 Critical Area Planting	+ + +	+ + +	N/A	+				
362 Diversion	+ + +	+ + +	N/A	N/A				
382 Fence	N/A	+ + +	N/A	+ +				
393 Filter Strip	+ + +	+ + +	N/A	N/A				
410 Grade Stabilization Structure	N/A	+ + +	N/A	N/A				
472 Use Exclusion	N/A	+ + +	N/A	+ +				
528A Prescribed Grazing	N/A	+ + +	+ +	+ + +				
550 Range Planting	+ + +	+	+	+ + +				
580 Streambank Protection	N/A	+ + +	N/A	N/A				

RATINGS:

Not Applicable	= N/A	Slight	= + or -
Negligible	= 0	Moderate	= + + or --
Facilitating	= F	Significant	= + + + or ---