

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Clinton, Cordell, Sayre		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.014		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Technical and Nontechnical Interpretations Pastureland Interpretations		
5.2	WATER	Water Quality and Quantity Interpretations		
5.3	AIR	N/A		
5.4	PLANT	Pastureland Interpretations		
5.5	ANIMAL	N/A		
5.6	HUMAN	N/A		
6.	HYDROLOGIC UNIT	11120302016, 030, 040, 11120303010, 11120304016, 020, 11130301070, 080, 090, 110, 11130302010, 030, 060, 090		
7.	SYSTEM TEMPLATE LABEL	FNJZ1		
8.	SYSTEM NAME	Pasture, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	Resource Management System		
11.	NRCS LANDUSE	PASTURE		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. 342 Critical Area Planting 2. 362 Diversion 3. 382 Fence 4. 410 Grade Stabilization Structure 5. 512 Pasture Planting 6. 528A Prescribed Grazing 7. 590 Nutrient Management 8. 9. 10. 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consist of perennial, introduced grasses planted on shallow, loamy upland soils. Old World bluestem is the most commonly planted perennial grass. Conversion to permanent pasture usually occurs after old cropped fields are eroded beyond the point of practical and economically feasible treatment. Intermingled with the Cordell soils are small areas of Woodward and Quinlan soils that are cultivated and planted to small grains. Usually the small grains are grazed out due to low grain yield potential. Diversions, grade stabilization, and vegetation will control existing and prevent potential gully erosion. A grazing plan will be developed that recommends stocking rates, grazing schedules, etc. Fencing and grazing management will facilitate the grazing plan. Fertilizer will be applied as recommended by soil tests to adequately provide nutrients for plant growth and maintenance. For new plantings, select species and varieties that are adapted to the site conditions and the client's needs. WW Ironmaster is a recommended variety of Old World bluestem that is tolerant of the iron chlorosis conditions.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Classic Gully Erosion 2. Forage Production 3. Low Soil Fertility 4. 5. 	<ol style="list-style-type: none"> 1. Soil Loss = 0 tons/year 2. Carrying Capacity > 1.2 AUMs 3. Plant Nutrient Needs Are Met 4. 5. 	<ol style="list-style-type: none"> 1. Soil Loss Reduced by 100 tons/yr 2. Carrying Capacity Increased by 0.6 AUMs 3. Soil Fertility Does Not Limit Forage Production or Plant Health 4. 5. 	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION	<i>List resource concerns, then indicate yes/no</i>
	1. Classic Gully Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Forage Production	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Low Soil Fertility	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	5.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	10.	<input type="checkbox"/> YES <input type="checkbox"/> NO

