MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Anadarko, Chickasha, Clinton, Duncan, Lawton, Norman, Pauls Valley, Walters, Waurika
3.	MLRA	80A Central Rolling Red Prairies
4.	COMMON RESOURCE AREA (CRA)	080A.40.010
5.	RESOURCE INTERPRETATIONS	
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	Combines What Was Map Areas 36 and 45 in Caddo, Cleveland, Comanche, Cotton, Custer, Garvin, Grady, Jefferson, and Stephens Counties into a New Map Area 45 (080A.40.010)
7.	SYSTEM TEMPLATE LABEL	GJJZ0
8.	SYSTEM NAME	Pastureland, Master Benchmark
9.	PLANNING PHASE	Benchmark
10.	PLANNING LEVEL	N/A
11.	NRCS LANDUSE	PASTURE
12.	EXISTING CONSERVATION PRACTICES	
	1. 512 Pasture Planting 2. 3. 4.	
13.	SYSTEM NARRATIVE	
	This benchmark system consists of perennial, introduced grasses planted on loamy and sandy upland soils. The primary grasses planted are bermudagrass, Old World bluestems, and weeping lovegrass. The major resource concerns include gully erosion, poor plant health and vigor due to overgrazing, weed competition, and low soil fertility. Generally there is a lack of adequate livestock watering facilities which reduces grazing management abilities. Some areas have saline slickspots which greatly restricts the amount and kinds of vegetation and thus the productivity. Some areas have had extensive oil and gas exploration activities which creates erosion problems and soil contamination from drilling fluids.	

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	1. Classic Gully Erosion	1. Soil Loss > 20 tons/year
	2. Forage Production	2. Carrying Capacity < 3.0 AUMs
	3. Weed Competition	3. Weeds > 30% of Plant Population
	4. Low Soil Fertility	4. Soil Fertility Does Not Meet The Plant's Needs For Growth And Maintenance
	5. Livestock Water Facilities	5. Grazing Management Is Reduced
	6. Oil Field Erosion	6. Soil Loss > 20 tons/year
	7. Soil Salinity	7. Carrying Capacity < 0.3 AUMs
	8. Soil Contamination	8. Forage Production Is Limited