MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Bristow, Chandler, El Reno, Enid, Guthrie, Kingfisher, Medford, Newkirk, Oklahoma City, Pawhuska, Pawnee, Perry and Stillwater
3.	MLRA	80A
4.	COMMON RESOURCE AREA (CRA)	080A.40.001
5.	RESOURCE INTERPRETATIONS	
5.1	SOIL	Soils Legend, Technical/Non-Technical Soils Interpretations
5.2	WATER	Water Quantity & Quality Interpretations/Water Budgets
5.3	AIR	
5.4	PLANT	Pastureland Interpretations
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	GAJZA
8.	SYSTEM NAME	(80A) Bermudagrass & Old World Bluestem Mgmt.
9.	PLANNING PHASE	BENCHMARK
10.	PLANNING LEVEL	N/A
11.	NRCS LANDUSE	Pasture
12.	EXISTING CONSERVATION PRACTICES	

1. (512) Pasture & Hayland Planting (BG &/or OW)
2. (378) Pond
3. (614) Tank or Trough
4. (642) Well

13. SYSTEM NARRATIVE

This system includes established bermudagrass and/or old world bluestems on upland, loamy soils with varying depth and slope. Livestock utilizing the grazing resource include cow/calf and/or stockers. Grazing occurs without consideration to balancing livestock numbers to forage quantity and quality with overgrazing common. Fertilizers and pesticides, if utilized, are applied without determining plant needs for desired production and pest infestation levels. Resulting plant growth is of low vigor and poor quality. Broadleaf weeds and Eastern redcedar become a problem when overgrazed. Existing livestock water facilities are inadequate to meet grazing management needs. Flooding, as a result of reduced stream capacity, occurs adjacent to rivers and streams. Gully erosion is common on shallow and/or poorly vegetated soils.

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS
	1. Soil-Erosion-Gully	1. Soil loss-50 T/Yr
	2. Soil-Erosion-Streambank	2. Soil loss-50 T/Yr
	3. Water-Quantity-Flooding	3. Damage/lost production
	4. Plant-Mgmt.-Forage Production	4. 70% potential production
	5. Plant-Condition-Health & Vigor	5. Low plant health & vigor
	6. Plant-Management-Nutrient	6. Improper application of fertilizers
	7. Plant-Management-Pest	7. Nutrient & moisture competition
	8. Animal-Habitat-Domestic Water	8. 1/2 needed H_2O storage
	9. Animal-Mgmt.-Pop./Res. Balance	9. 5 AUM's/Ac