MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Beaver - Beaver County
3.	MLRA	77E
4.	COMMON RESOURCE AREA (CRA)	077E.40.002
5.	RESOURCE INTERPRETATIONS	*for each resource enter available interp data*
5.1	SOIL	Soil Legends, Technical/Non-Technical Soil Interpretations
5.2	WATER	Water Quantity and Quality
5.3	AIR	
5.4	PLANT	Pasture & Hayland Interpretations
5.5	ANIMAL	Threatened & Endangered Species List,
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	EBJKB
8.	SYSTEM NAME	Rolling Uplands
9.	PLANNING PHASE	Non-Benchmark
10.	PLANNING LEVEL	RMS
11.	NRCS LANDUSE	Pasture
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. Prescribed Burning (338)
2. Diversion (362)
3. Fencing (382)
4. Grade Stabilization Structure (410)
5. Livestock Pipeline (516)
6. Prescribed Grazing (528A)
7. Nutrient Management (590)
8. Tank or Trough (614)
9. Livestock Well (642)
10.

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

Improved management of grazed or hayed pasture acreage will greatly increase plant health and vigor, productivity, and general overall growth while reducing soil compaction. Increased livestock water and cross fencing is needed to help better distribute livestock grazing while also balancing available forage with the livestock. Prescribed burning as a management tool will help stimulate growth and remove old residues. Fertilization according to current soil tests will insure maximum potential production. Diversion terraces and grade stabilization structures may be needed to control excessive runoff from flooding.

14. RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
1. Soil - Cond -Compaction	1. Increased production	1. 1000#/ac/yr.
2. Water - Quant - Flooding	2. Decreased damages	2. Soil loss to "T"
3. Air - Qual - Smoke	3. Proper burning technique	3. No accidents
4. Plant - Cond - Product.	4. Increase production	4. 2000#/ac/yr added prod.
5. Plant - Cond - Hlth/Vig	5. Increase production	5. Increased forage yields
6. Plant - Mgt - Est/Gwt/Hv	6. Increased gains	6. Increase forage yields
7. Plant - Mgt - Nutrient	7. Economic fertilization	7. Match fert. w/ production
8. Animals - Hab - Food	8. Increased food supply	8. Increased production
9. Animals - Hab - Water	9. Better water dist.	9. Increased distribution
10.Animals - Mgt - Pop/Res	10. Maximize distribution	10. Proper forage use

17.	QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no*		
	1. Soil - Condition - Compaction	_X_YES	____NO
	2. Water - Quantity - Flooding	_X_YES	____NO
	3. Air - Quality - Smoke	_X_YES	____NO
	4. Plant - Condition - Productivity	_X_YES	____NO
	5. Plant - Condition - Health and Vigor	_X_YES	____NO
	6. Plant - Management - Establishment/Growth/Harvest	_X_YES	____NO
	7. Plant - Management - Nutrient	_X_YES	____NO
	8. Animals - Habitat - Domestic Food	_X_YES	____NO
	9. Animals - Habitat - Domestic Water	_X_YES	____NO
	10. Animals - Management - Population/Resource Balance	_X_YES	____NO

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Oklahoma	Field Office	Beaver	MLRA	77E

Soil Interpretations

Resource Concerns / Cons. Practices	Soil Condition Compact.	Water Quantity Flooding	Air Quality Smoke	Plant Condition Product.	Plant Condition Hlth/Vgr	Plant Mngmnt Est/Gwt/Hv	Plant Mngmnt Nutrient	Animals Habitat Food	Animals Habitat Water	Animals Mngmnt Pop/ResBal
Pres. Burn	+	+	-	+	+	+	+	+	0	+
Diversion	0	+	0	+	+	+	0	+	+	+
Fencing	+	+	0	+	+	+	+	+	0	+
GSS	+	+	0	+	+	+	0	+	+	+
Liv Pipeline	+	+	0	+	+	+	+	+	+	+
Pres Grzng	+	+	0	+	+	+	+	+	+	+
Nutr. Mgmt	+	+	0	+	+	+	+	+	0	+
Tank/Trough	+	+	0	+	+	+	+	+	+	+
Liv. Well	+	+	0	+	+	+	+	+	+	+