MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Fairview - Major County
3.	MLRA	78C
4.	COMMON RESOURCE AREA (CRA)	078C.40.003
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	Rangeland Interpretations
5.5	ANIMAL	Threatened & Endangered Species List, Wildlife Interpretations
5.6	HUMAN	
6.	HYDROLOGIC UNIT	11050001-060, 070, 080, 090
7.	SYSTEM TEMPLATE LABEL	FCDZB
8.	SYSTEM NAME	Rough Broken Land
9.	PLANNING PHASE	Non-Benchmark
10.	PLANNING LEVEL	RMS
11.	NRCS LANDUSE	Grazed Range
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. Brush Management (314)
2. Prescribed Burning (338)
3. Critical Area Planting (342)
4. Diversion Terrace (362)
5. Pond (378)
6. Fencing (382)
7. Grade Stabilization Structure (410)
8. Livestock Pipeline (516)
9. Prescribed Grazing (528A)
10. Pest Management (595)
11. Tank or Trough (614)
12. Livestock Water Well (642)
13. Wildlife Upland Habitat Management (645)

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

This system consists of perennial native grasses used exclusively for livestock production. Grazing distribution, plant health and vigor, and productivity will all increase with the implementation of a grazing plan which includes prescribed grazing, cross fencing, wells, tanks, ponds, prescribed burning and brush management. Gully erosion and excessive flooding can be treated with diversion terraces, grade stabilization structures and critical area planting. Prescribed burning and pest management will control the Invasion of Eastern red cedar, while also improving forage production. Balancing forage with stocking rates will have a positive influence on general range health and wildlife abundance.

14. RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
1. Soil - Erosion - Gullies	1. 1 Tons/Yr	1. 99 Tons/Yr reduction
2. Water - Flooding	2. Control flooding	2. Reduce damages
3. Plants - Productivity	3. 2000#/ac forage	3. Increase of 1000#/ac.
4. Plants - Health & Vigor	4. Improved plant vigor	4. Increased production
5. Plants - Pest	5. Reduced competition	5. Increased forage yield
6. Plants - Est/Grwth/Harv.	6. Improved plant growth	6. Increased production
7. Animal - Food	7. Increased forage	7. Increased econ. returns
8. Animal - Shelter	8. Available shelter	8. Improved animal health
9. Animal - Water	9. Improved distribution	9. Improved utilization
10. Animal - Wildlife Cov.	10. Improved wildlife hab.	10. Increased wildlife pop.
11. Animal - Pop/Res. Bal.	11. Good grazing dispersal	11. Improved animal perform.

17.	QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no*		
	1. Soil - Erosion - Concentrated Flow - Classic Gullies	_X_YES	____NO
	2. Water - Quantity - Runoff/Flooding	_X_YES	____NO
	3. Plants - Condition - Productivity	_X_YES	____NO
	4. Plants - Condition - Health and Vigor	_X_YES	____NO
	5. Plants - Management - Pest	_X_YES	____NO
	6. Plants - Management - Establishment, Growth and Harv.	_X_YES	____NO
	7. Animals - Habitat - Domestic Food	_X_YES	____NO
	8. Animals - Habitat - Domestic Shelter	_X_YES	____NO
	9. Animals - Habitat - Domestic Water	_X_YES	____NO
	10. Animals - Habitat - Wildlife Cover	_X_YES	____NO
	11. Animals - Management - Population and Resource Balance	_X_YES	____NO

Gyp Badlands
Range

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Okla.	Field Office	Fairview	MLRA	78C

Soil Interpretations

Cons. Practices \ Resource Concerns	Soil Con. Flow Gully	Water Quant. Flooding	Plants Cond Prod	Plants Cond H & V	Plants Mngmt Growth	Animals Hab/Dom Water	Animals Mgmt/Dom Pop. Res Bal.	Plants Pest	Animal Food	Animal Shelter/ Cover
528A Pres. Gr	0+	+	+	+	+	+	+	+	+	+
362 D.T.	+	+	+	0	0	0+	N/A	0	0	0
642 Well	N/A	N/A	+	+	+	+	+	0	+	0
614 Tank	N/A	N/A	+	+	+	+	+	0	+	0
382 Fence	+	0	+	+	+	+	+	+	+	—
516 Pipeline	N/A	N/A	+	+	+	+	+	0	+	0
~~378 Pond~~	+	+	0+	0+	0+	+	0+	0	+	+
410 G.S.S.	+	+	0+	0+	0+	+	0+	0	+	+
~~595 Rest Mgmt~~	0+	0+	+	+	+	+	+	+	0	—
1338/ 314 Brush/Burning	+	—	+	+	+	—	+	+	+	—
342 Cr. Ar. Plntg	+	0	+	+	+	0	+	+	+	—
645 Wildlife	0	0	0	0	0	0	0	0	—	+