MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Watonga - Blaine County
3.	MLRA	80A
4.	COMMON RESOURCE AREA (CRA)	080A.40.006
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	11050002-020, 050, 070, 100
7.	SYSTEM TEMPLATE LABEL	GFDZB
8.	SYSTEM NAME	Gypsum Hills
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 primarily for livestock production. Prescribed burning, brush and pest management decreases competition from undesirable plants and improves rangeland productivity. Installing water facilities and cross fencing provides the opportunity to incorporate a prescribed grazing system which will improve grazing distribution, plant health and vigor, productivity and overall growth. Gully erosion can be treated with diversion terraces, grade stabilization structures and critical area planting. Using prescribed grazing to balance available forage with stocking rates will have a positive influence on general range health. Wildlife upland habitat management will be used to promote the development of wildlife habitat, food and cover.

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
1.	Soil - Erosion - Gullies	1 Tons/Yr	39 Tons/Yr reduction
2.	Plants - Productivity	Forage prod. 2500 lb/ac.	1000 lb/ac increase
3.	Plants - Health/Vigor	Improved quality	Increased production
4.	Plants - Est/Grwth/Harv.	Improved prod., set goals	Increased production
5.	Plants - Pest	Reduced competition	Increased forage yield
6.	Animal - Dom. Water	Adequate facilities	Improved distribution
7.	Animal - Pop/Res. Bal.	Improved distribution	Adequate resource balance
8.			
9.			
10.			

17.	QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no*		
	1. Soil - Erosion - Concentrated Flow - Classic Gullies	_X__ YES	____NO
	2. Plants - Condition - Productivity	_X__ YES	____NO
	3. Plants - Condition - Health & Vigor	_X__ YES	____NO
	4. Plants - Management - Establishment/Growth/Harvest	_X__ YES	____NO
	5. Plants - Management - Pest	_X__ YES	____NO
	6. Animal - Habitat - Domestic Water	_X__ YES	____NO
	7. Animal - Management - Population/Resource Balance	_X__ YES	____NO
	8.	____ YES	____NO
	9.	____ YES	____NO
	10.	____ YES	____NO

Gyp Hills

Range

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	Okla.	Field Office	Fairview	MLRA	80A

Soil Interpretations

Cons. Practices / Resource Concerns	Soil Con. Flow Gully			Plants Condition Productivity	Plants Condition Health/Vigor	Plants Mgmt Growth	Plants Mgmt Pests	Animals Hab/Com Water	Animals Mgmt/Com Pop Res Bal	
528A Pres. Gz	0+			+	+	+	+	+	+	
382 Fence	0+			+	+	+	0+	+	+	
642 well	N/A			+	+	+	+	+	+	
378 Pond	+			+	+	+	—	+	+	
338 Pres. Brn	+			+	+	+	+	—	+	
595 Pest. Mgmt.	0+			+	+	+	+	+	+	
516 Pipeline	N/A			+	+	+	+	+	+	
362 D.T.	+			0+	+	+	—	+	+	
410 G.S.S.	+			0+	+	+	—	+	+	
614 Tank	N/A			+	+	+	+	+	+	
314 Brsh Mng.	0			+	+	+	+	0	+	
342 Crit Area	+			+	+	+	+	0	+	
645 Wild Fe	0			—	—	—	—	0	+	