

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Hollis, Mangum, Sayre		
3.	MLRA	78C Central Rolling Red Plains		
4.	COMMON RESOURCE AREA (CRA)	078C.40.018		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Technical and Nontechnical Interpretations Rangeland Interpretations		
5.2	WATER	Water Quality and Quantity Interpretations		
5.3	AIR	N/A		
5.4	PLANT	Rangeland Interpretations		
5.5	ANIMAL	N/A		
5.6	HUMAN	N/A		
6.	HYDROLOGIC UNIT	11120202016, 020, 11120304016, 020, 11130101015, 020		
7.	SYSTEM TEMPLATE LABEL	FRDZ1		
8.	SYSTEM NAME	Rangeland, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	Resource Management System		
11.	NRCS LANDUSE	GRAZED RANGE		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. 314 Brush Management 2. 338 Prescribed Burning 3. 342 Critical Area Planting 4. 362 Diversion 5. 378 Pond 6. 382 Fence 7. 410 Grade Stabilization Structure 8. 528A Prescribed Grazing 9. 550 Range Planting 10. 595 Pest Management 11. 614 Trough or Tank 12. 642 Well 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consist of native grasses, forbs, and trees on loamy upland soils. This area has Hardland, Red Clay Prairie, Eroded Red Clay Prairie, and Breaks ecological sites. Mesquite and cactus will be controlled with chemical or mechanical methods whenever feasible. Vegetation, diversions, and grade stabilization structures will stop existing gully erosion and prevent potentially eroding areas from becoming critical. A grazing plan will be developed that will recommend stocking rates, grazing schedules, etc. Fencing, brush management, developing livestock water, and prescribed burning will facilitate the grazing plan. All new plantings will use species and varieties that are known to be adaptable to the site conditions and meet the client's needs.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Forage Production 2. Classic Gully Erosion 3. Brush Infestation 4. Livestock Water 5. 6. 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Carrying Capacity > 1 AUMs 2. Soil Loss = 0 tons/year 3. Brush Canopy < 10% 4. Water is Adequate for the Planned Number of Grazing Animals 5. 6. 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Carrying Capacity Increased by 0.5 AUMs 2. Soil Loss Reduced by 80 tons/yr 3. Brush Canopy Reduced by 66% 4. Water Does Not Limit Grazing Management 5. 6. 7. 8. 9. 10. 	

CRA con't	SYSTEM TEMPLATE LABEL cont'd	
17.	QUALITY CRITERIA DOCUMENTATION <i>List resource concerns, then indicate yes/no</i>	
	1. Forage Production	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. Classic Gully Erosion	<input type="checkbox"/> YES <input type="checkbox"/> NO
	3. Brush Infestation	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Livestock Water	<input type="checkbox"/> YES <input type="checkbox"/> NO
	5.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	10.	<input type="checkbox"/> YES <input type="checkbox"/> NO

**Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List**

State	Oklahoma	Field Office	Hollis, Mangum, Sayre	CRA	078C.40.018	System Template Label	FRDZ1
Soil Interpretations							
Technical and Nontechnical Interpretations, Rangeland Interpretations							
Resource Concerns		Forage Production	Classic Gully Erosion	Brush Infestation	Livestock Water Facilities		
Conservation Practices							
314 Brush Management		+++	N/A	+++	N/A		
338 Prescribed Burning		++	N/A	+++	N/A		
342 Critical Area Planting		+	+++	0	N/A		
362 Diversion		+	+++	N/A	++		
378 Pond		0	0	N/A	+++		
382 Fence		++	++	++	+		
410 Grade Stabilization Structure		0	+++	N/A	0		
528A Prescribed Grazing		+++	++	++	+		
550 Range Planting		+++	+	+	N/A		
595 Pest Management		++	N/A	+++	N/A		
614 Trough or Tank		N/A	N/A	N/A	+++		
642 Well		N/A	N/A	N/A	+++		

RATINGS :
 Not Applicable = N/A
 Negligible = 0
 Facilitating = F

Slight = + or -
 Moderate = ++ or --
 Significant = +++ or ---