

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 Pastureland Interpretations		
5.2	WATER	Water Quality and Quantity Interpretations		
5.3	AIR	N/A		
5.4	PLANT	Pastureland Interpretations		
5.5	ANIMAL	N/A		
5.6	HUMAN	N/A		
6.	HYDROLOGIC UNIT	11120202016, 020, 11120304016, 020, 11130101015, 020		
7.	SYSTEM TEMPLATE LABEL	FRJZ1		
8.	SYSTEM NAME	Pasture, Master CMS		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	Resource Management System		
11.	NRCS LANDUSE	PASTURE		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. 378 Pond 2. 382 Fence 3. 512 Pasture Planting 4. 528A Prescribed Grazing 5. 590 Nutrient Management 6. 595 Pest Management 7. 614 Trough or Tank 8. 642 Well 9. 10. 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consist of perennial, introduced grasses, mainly Old World bluestem, planted on loamy upland soils. Much of this area is not suitable for growing introduced grasses for forage. A grazing plan will be developed that will recommend stocking rates, grazing schedules, etc. Fencing and development of livestock water facilities will facilitate the application of the grazing plan. Weeds will be controlled with mechanical and/or chemical methods where feasible. Fertilizer will be applied annually as recommended by soil tests to promote plant growth and health. Species and varieties will be selected for new plantings based on adaptability to known adaptability to site conditions and the client's needs.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Forage Production 2. Weed Infestation 3. Classic Gully Erosion 4. Low Soil Fertility 5. Livestock Water 6. 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Carrying Capacity > 4 AUMs 2. Weeds Comprise < 10% of the Plant Population 3. Soil Loss = 0 tons/year 4. Soil Fertility Meets the Plant Needs for Growth and Maintenance 5. Water Facilities Are Adequate for the Planned Number of and Kinds of Grazing Animals 6. 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Carrying Capacity Increased by 1 AUM 2. Weed Competition Reduced by 90% 3. Soil Loss Reduced by 40 tons/yr 4. Soil Fertility Does Not Limit Forage Production 5. Water Does Not Limit Grazing Management 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. Weed Competition	<input type="checkbox"/> YES <input type="checkbox"/> NO
	3. Classic Gully Erosion	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Low Soil Fertility	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Livestock Water	<input checked="" 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	Holles, Mangum, Sayre		CRA	078C.40.018	System Template Label	FRJZ1
Soil Interpretations								
Technical and Nontechnical Interpretations, Pastureland Interpretations								

Resource Concerns	Forage Production	Weed Infestation	Classic Gully Erosion	Soil Fertility	Livestock Water Facilities			
378 Pond	+	N/A	0	N/A	+++			
382 Fence	++	+	++	+	+			
512 Pasture and Hayland Planting	+++	0	+++	++	N/A			
528A Prescribed Grazing	+++	+++	+	+	+			
590 Nutrient Management	+++	+	+	+++	N/A			
595 Pest Management	++	+++	N/A	+	N/A			
614 Tough or Tank	N/A	N/A	N/A	N/A	+++			
642 Well	N/A	N/A	N/A	N/A	+++			

RATINGS : Not Applicable = N/A Slight = + or -
 Negligible = 0 Moderate = ++ or ---
 Facilitating = F Significant = +++ or ---