

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	OK
2.	FIELD OFFICE	Marietta, Ardmore, Tishomingo, Madill, Waurika
3.	MLRA	84B - West Cross Timbers
4.	COMMON RESOURCE AREA (CRA)	084B.40.001
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available Interp data</i>
5.1	SOIL	
5.2	WATER	
5.3	AIR	
5.4	PLANT	
5.5	ANIMAL	
5.6	HUMAN	
6.	HYDROLOGIC UNIT	
7.	SYSTEM TEMPLATE LABEL	JAJZL
8.	SYSTEM NAME	West Cross Timbers Pasture
9.	PLANNING PHASE	Benchmark, Alternative, Planned
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. 197 - Riparian Forest Buffer 2. 314 - Brush Management 3. 338 - Prescribed Burning 4. 340 - Cover and Green Manure Crop 5. 342 - Critical Area Planting 6. 356 - Dike 7. 362 - Diversion 8. 378 - Pond 9. 382 - Fencing 10. 399 - Fishpond Management 11. 410 - Grade Stabilization Structure 12. 512 - Pasture and Hayland Planting 13. 516 - Pipeline 14. 528A - Prescribed Grazing 15. 560 - Access Road 16. 574 - Spring Development 17. 580 - Streambank and Shoreline Protection 18. 590 - Nutrient Management 19. 595 - Pest Management 20. 614 - Trough or Tank 21. 642 - Well
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>
		<p>This system includes prescribed grazing, prescribed burning, pasture and hayland planting, fencing, dikes, ponds, wells, pipelines, troughs or tanks, spring development, and fishpond management. Dominant forage species include alfalfa, annual ryegrass, bermudagrass, bahiagrass, introduced bluestems, tall fescue, weeping lovegrass, and adapted legumes. The treatment practices for reducing gully erosion are grade stabilization structures, diversion terraces, and critical area planting. Practices recommended for control of streambank and scour erosion are riparian forest buffers, pasture and hayland planting, critical area planting, nutrient management, pest management, prescribed grazing, dikes, and streambank and shoreline protection. The land treatment practices are designed to reduce the rate of runoff waters, increase water infiltration, reduce erosion and restore the vegetation. Pest management and brush management activities will be performed when pest levels reach their economic thresholds. All management activities (including chemical, mechanical and biological means) to reduce pest levels are most effective when the appropriate timing and application techniques are followed. Nutrient management will be applied to prevent an imbalance of plant nutrients based on a soils analysis. Animal populations are generally found to be out of balance with the forage resources, causing plant establishment, growth and harvest to be affected. Practices recommended to overcome this are</p>

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<p>prescribed grazing, pest management, pasture and hayland planting, and prescribed burning. Fencing, ponds, spring development, pipelines, wells, and troughs or tanks may also be utilized to accelerate the system application. Domestic animal water requirements, if not supplied by naturally occurring sources, will typically be addressed by constructing ponds. In certain locations, spring developments, wells, pipelines, and troughs or tanks will be used to supply the domestic animal watering sources. Treatments which are cost effective and sensitive to the environment are of the most importance. With the long history of overgrazing, proper grazing, better distribution, prescribed burning, nutrient management, pest management, and the appropriate timing of the application of these practices will go a long way toward improving the plant resources and vigor of the existing pastures. Improving the pastures can be a slow process. Special care to develop treatment alternatives that are cost effective will need to be exercised.</p>																																							
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS																																				
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15.	QUALITY CRITERIA DOCUMENTATION <i>list resource concerns then indicate yes/no</i>																									
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**Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List**

State Oklahoma MLRA 084B.40.001
 Soil Interpretations Template Label JAJZ
 Field Office

Resource Concerns Conservation Practices	Soil Erosion		Soil Erosion		Soil Erosion		Water Quality		Plants Condition		Plants Mgmt.		Plants Mgmt.		Plants Mgmt.		Animal Habitat		Animal		Human	
	Concentrated Flow	Classic Gullies	Streambank	Scoured Areas	Surf Water	Contaminates	Plant Productivity	Plant Health & Vigor	Plant Establishment	Nutrient Management	Pest (Weeds, Insects, Etc.)	Water	Population and Resource Balance	Economics	Profitability							
197	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
314	+	+	0	0	0	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
338	+	+	0	0	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
340	+	+	0	+	+	+	+	N/A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
342	+	+	+	+	+	+	+	N/A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
356	+	+	+	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
362	+	+	+	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
378	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
382	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
399	N/A	N/A	N/A	N/A	+	+	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
410	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
512	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
516	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
528A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
560	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
574	+	+	0	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
580	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
590	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
595	0	N/A	N/A	0	0	0	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
614	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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