

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Anadarko, Chickasha, Clinton, Duncan, Lawton, Norman, Pauls Valley, Walters, Waurika
3.	MLRA	80A Central Rolling Red Prairies
4.	COMMON RESOURCE AREA (CRA)	080A.40.010
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	Combines What Was Map Areas 36 and 45 in Caddo, Cleveland, Comanche, Cotton, Custer, Garvin, Grady, Jefferson, and Stephens Counties into a New Map Area 45 (080A.40.010)
7.	SYSTEM TEMPLATE LABEL	GJDZ1
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. 472 Use Exclusion 9. 528A Prescribed Grazing 10. 550 Range Planting 11. 571 Soil Salinity Management - Nonirrigated 12. 610 Toxic Salt Reduction 13. 614 Trough or Tank 14. 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, trees, and shrubs growing on loamy and sandy upland soils. The major ecological sites include Hardland, Loamy Prairie, Red Clay Prairie, Sandy Prairie, Deep Sand Savannah, and Slickspot. The Slickspots have a hard alkali crust that greatly limits the vegetation to species that are very salt tolerant and are not very productive. Grade stabilization structures, diversions, and critical area planting will address existing and potential gully erosion problems. A grazing plan will be developed that will recommend stocking rates, grazing schedules, etc. Fencing, prescribed burning, and watering facilities will facilitate grazing management. The acres affected by soil salinity will be improved by soil salinity control methods and prescribed grazing management. Appropriate brush control methods will be used to control brush infestations. Ponds, diversions, wells, and tanks will provided adequate livestock water and facilitate grazing management. For new plantings select species and varieties known to be adapted to the site conditions and the client's needs. Diversions, grade stabilization structures and vegetation will control erosion on oil field locations. Contaminated soil will be removed, buried, or appropriately treated to restore the potential forage production.</p>

14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
	<ol style="list-style-type: none"> 1. Forage Production 2. Classic Gully Erosion 3. Livestock Watering Facilities 4. Brush Control 5. Soil Salinity 6. Soil Contamination - Oil Field 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Carrying Capacity > 2.5 AUMs 2. Soil Loss = 0 tons/year 3. Livestock Watering Facilities Are Adequate For The Planned Class And Number Of Grazing Animals 4. Brush Canopy < 10% 5. Carrying Capacity > 2.0 AUMs 6. Forage Production Increased 7. 8. 9. 10. 	<ol style="list-style-type: none"> 1. Carrying Capacity Increased By 1.1 AUMs 2. Soil Loss Reduced By 30 tons/yr 3. Grazing Management Is Not By Watering Facilities 4. Forage Production Is Not Limited By Brush 5. Carrying Capacity Increased By 1.7 AUMs 6. Forage Production Is Not Limited By Soil Contamination 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. Livestock Watering Facilities	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	4. Brush Control	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. Soil Salinity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	6. Soil Contamination	<input checked="" 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	Aandarko, Chickasha, Clinton, Duncan, Lawton, Norman, PV, Walters, Wat.	MLRA	80A	System Template Label	GJDZ1
Soil Interpretations		Technical and Nontechnical Interpretations, Cropland Interpretations					
Resource Concerns		Forage Production	Classic Gully Erosion	Livestock Watering Facilities	Brush Control	Soil Salinity	Soil Contamination Oil Field
314	Brush Management	+++	N/A	N/A	+++	N/A	N/A
338	Prescribed Burning	+++	N/A	0	+++	N/A	N/A
342	Critical Area Planting	+	+++	+	N/A	+++	+++
362	Diversion	+	+++	N/A	N/A	++	+++
378	Pond	++	0	+++	N/A	N/A	N/A
382	Fence	+++	+++	N/A	+++	+	+++
410	Grade Stabilization Structure	0	+++	0	N/A	N/A	N/A
472	Use Exclusion	+++	+++	N/A	+++	+	+++
528A	Prescribed Grazing	+++	++	+	+++	+	++
550	Range Planting	+	0	N/A	N/A	+++	+++
571	Soil Salinity Mgmt Nonlr	++	N/A	N/A	N/A	+++	0
610	Toxic Salt Reduction	++	N/A	N/A	N/A	0	+++
614	Trough or Tank	+++	+	+++	N/A	+	N/A

RATINGS : Not Applicable = N/A

Negligible = 0

Facilitating = F

Slight = + or -

Moderate = ++ or --

Significant = +++ or ---

