

MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Taloga - Dewey County		
3.	MLRA	80A		
4.	COMMON RESOURCE AREA (CRA)	080A.40.001		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Soils Legends; Technical and Non-Technical Soils Interpretations		
5.2	WATER	Water Quantity and Quality Interpretations/Water Budgets		
5.3	AIR			
5.4	PLANT	Rangeland Interpretations		
5.5	ANIMAL	Threatened and Endangered Species List; Wildlife Interpretations		
5.6	HUMAN			
6.	HYDROLOGIC UNIT			
7.	SYSTEM TEMPLATE LABEL	GADZB		
8.	SYSTEM NAME	Sloping Uplands		
9.	PLANNING PHASE	Non-benchmark		
10.	PLANNING LEVEL	RMS		
11.	NRCS LANDUSE	Grazed range		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> 1. Brush Management (314) 2. Prescribed Burning (338) 3. Critical Area Planting (342) 4. Diversion (362) 5. Pond (378) 6. Fencing (382) 7. Grade Stabilization Structure (410) 8. Pipeline for Livestock (516) 9. Prescribed Grazing (528A) 10. Streambank and Shoreline Protection (580) 11. Pest Management (595) 12. Trough or Tank (614) 13. Well (642) 14. Riparian Forest Buffer (391) 		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This system consists of good condition native tall and mid-grass pastures on upland, loamy soils varying in depth and slope. Prescribed grazing (facilitated by fencing, ponds, wells, pipelines and/or tanks), critical area planting, diversions, riparian forest buffers, grade stabilization structures and streambank protection will aid in control of gully and/or streambank erosion. Reduced sediment from erosion control will also reduce flood hazard due to improved stream capacity. Livestock water needs will be met with installation of necessary watering facilities. Prescribed grazing (facilitated by fencing, watering facilities and prescribed burning), brush management and pest management will result in proper stocking and improved plant production, site condition, health and vigor. Prescribed burning will produce short term air quality, health and safety concerns due to smoke.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> 1. Soil - Eros - Gully 2. Soil - Eros - Streambank 3. Water - Quant - Flooding 4. Plant - Cond - Productiv. 5. Plant - Cond - Hlth/Vigor 6. Plant - Mgmt - Pest 7. Animal - Hab. - Water 8. Animal - Mgmt - Pop/Res. 9. Air - Qual - Smoke 	<ol style="list-style-type: none"> 1. 0 Ton/yr soil loss 2. 0 Ton/yr soil loss 3. Improved stream cap. 4. 5000 lbs/ac/yr 5. Imp. health & vigor 6. Pests controlled 7. Water storage doubled 8. 10-12 Ac/AU/yr 9. Smoke/safety & health 	<ol style="list-style-type: none"> 1. 50 Ton/Yr soil saved 2. 50 Ton/Yr soil saved 3. Reduced damage/prod. losses 4. 2000 #/ac/yr increased prod 5. Imp. growth & quality 6. Red. comp./Imp. prod. 7. Water storage increased 100% 8. 2-5 Ac/AU/yr improvement 9. Short term negative impact 	

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

080A.40.001
GADZA
GADZB

State	Okla	Field Office	MIRA	80A	Candidate Practice List									
Soil Interpretations	Resource Concerns	Soil Erosion Gully	Soil Erosion Streambank	WATER Quantity Flooding	PLANT Management Fw. Prod.	PLANT Condition Hlth. & Vigor	PLANT Management Pests	ANIMAL Habitat Dom. Water	ANIMAL Management Pop./Ec. Bal.	AIR Quality Smoke (S&H)				
342	Coal Practices	+	+	+	+	+	N/A	+	+	0				
382		+	+	0	+	+	+	+	+	0				
* 338		(-)	(-)	(-)	+	+	+	(-)	+	-				
528A		+	+	+	+	+	+	+	+	0				
314		0	0	0	+	+	+	0	+	0				
580		0	+	+	0	0	0	0	+	0				
* 614		0	0	0	0	0	0	+	+	0				
* 595		0	0	0	+	+	+	0	+	0				
* 642		0	0	0	0	0	0	+	+	0				
* 516		0	0	0	0	0	0	+	+	0				
378		+	N/A	+	+	+	0	+	+	0				
* 410		+	+	+	0	0	0	+	0	0				
362		+	0	+	+	(-)	-	+	+	0				
* 391		0	+	+	0	0	0	+	0	0				

* Not in FOTG Sec. IV

(-) Short term, negative effect