

MANAGEMENT SYSTEM TEMPLATE

A. BENCHMARK SYSTEM WORKSHEET

1.	STATE	Oklahoma	
2.	FIELD OFFICE	Anadarko, Clinton, Cordell, Hobart, Sayre, Taloga	
3.	MLRA	78C Central Rolling Red Plains	
4.	COMMON RESOURCE AREA (CRA)	078C.40.007	
5.	RESOURCE INTERPRETATIONS		
5.1	SOIL	Soil Legends, Technical and Nontechnical 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	11092001080, 11120303010, 020, 11130202010, 11130301070, 090, 100, 110, 120, 11130302010, 020, 030, 040, 050, 060, 070, 080, 090, 100, 110, 120, 130, 140, 150, 160	
7.	SYSTEM TEMPLATE LABEL	FGDZ0	
8.	SYSTEM NAME	Rangeland, Master BM	
9.	PLANNING PHASE	Benchmark	
10.	PLANNING LEVEL	N/A	
11.	NRCS LANDUSE	Grazed Range	
12.	EXISTING CONSERVATION PRACTICES		
		<ol style="list-style-type: none"> 1. 614 Trough or Tank 2. 642 Well 3. 4. 	
13.	SYSTEM NARRATIVE	<p>This benchmark system consists of native grasses, forbs, and trees on loamy upland soils, used exclusively for livestock production. The major ecological sites in this area are Loamy Prairie and Shallow Prairie. Concentrated flow of water over grazed pastures creates gullies with verticle headcuts. Continuous grazing and overstocking also reduces quality and quantity of forage and increases runoff. A general lack of livestock watering facilities creates problems of grazing distribution. Eastern red cedar is a prolific invader in overgrazed areas within this system.</p>	
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	
	<ol style="list-style-type: none"> 1. Classic Gully Erosion 2. Plants Health and Vigor 3. Plant Productivity 4. Plant Pests 5. Animal Population/Resource Balance 	<ol style="list-style-type: none"> 1. Soil Loss = 50 tons/year 2. Reduction of Plant Vigor 3. Forage Production = 1750 Lbs/ac/yr 4. Cedar Canopy > 30% 5. Overgrazing 	