

## MANAGEMENT SYSTEM TEMPLATE

### B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma		
2.	FIELD OFFICE	Cheyenne - Roger Mills County		
3.	MLRA	78C		
4.	COMMON RESOURCE AREA (CRA)	078C.40.012		
5.	RESOURCE INTERPRETATIONS	<i>for each resource enter available interp data</i>		
5.1	SOIL	Soil Legends, Technical/Non-Technical Soil Interpretations		
5.2	WATER	Water Quantity and Quality		
5.3	AIR			
5.4	PLANT	Pasture & Hayland Interpretations		
5.5	ANIMAL	Threatened & Endangered Species List,		
5.6	HUMAN			
6.	HYDROLOGIC UNIT	11130301-020, 030, 040, 070, 016		
7.	SYSTEM TEMPLATE LABEL	FLJZB		
8.	SYSTEM NAME	Cheyenne Sandy Uplands		
9.	PLANNING PHASE	Non-Benchmark		
10.	PLANNING LEVEL	RMS		
11.	NRCS LANDUSE	Pasture		
12.	PLANNED CONSERVATION PRACTICES	<i>list practices in the system</i>		
		<ol style="list-style-type: none"> <li>1. Prescribed Burning (338)</li> <li>2. Critical Area Planting (342)</li> <li>3. Diversion Terrace (362)</li> <li>4. Fencing (382)</li> <li>5. Grade Stabilization Structure (410)</li> <li>6. Pipeline (516)</li> <li>7. Prescribed Grazing (528A)</li> <li>8. Nutrient Management (590)</li> <li>9. Tank or Trough (614)</li> <li>10. Livestock Well (642)</li> </ol>		
13.	SYSTEM NARRATIVE	<i>describe how the practices work together as a system</i>		
		<p>This conservation management system consists of introduced pastures of Lovegrass and Old world bluestem that are primarily hayed and grazed for livestock production. Incorporating prescribed grazing will greatly improve plant health and vigor, productivity, and general overall growth, while balancing available forage with livestock numbers. Prescribed burning and cross fencing will facilitate a grazing plan that will recommend stocking rates, grazing schedules, etc. The installation of properly designed and located tanks and wells will better distribute grazing and improve grazing management. Nutrient management will be used, while applying fertilizer, to meet yield goals and maintain healthy, vigorous grass stands. The use of nutrient management will also control contaminants that may leach into the groundwater supply and/or runoff into surface waters. Grade stabilization structures, diversion terraces and critical area planting will stop or prevent gully erosion and erosion from oil field sites.</p>		
14.	RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS	
	<ol style="list-style-type: none"> <li>1. Soil - Eros - Gullies</li> <li>2. Soil - Eros - Drilling</li> <li>3. Water - Surface Contam.</li> <li>4. Water - G.W. Contam.</li> <li>5. Plant - Health/Vigor</li> <li>6. Plant - Est/Grth/Harv.</li> <li>7. Plant - Nutrient</li> <li>8. Animal - Habitat - Water</li> <li>9. Animal - Pop/Res Bal.</li> <li>10.</li> </ol>	<ol style="list-style-type: none"> <li>1. 1 ton/yr soil loss</li> <li>2. 1 ton/yr soil loss</li> <li>3. Reduce nitrates</li> <li>4. Control Contam.</li> <li>5. Healthy plants</li> <li>6. Improved growth</li> <li>7. Improved fertility</li> <li>8. Improved distribution</li> <li>9. Improved stocking</li> <li>10.</li> </ol>	<ol style="list-style-type: none"> <li>1. 59 ton/yr soil savings</li> <li>2. 19 ton/yr soil savings</li> <li>3. Cleaner water</li> <li>4. Cleaner water</li> <li>5. Increased production</li> <li>6. Increased production</li> <li>7. Increased forage</li> <li>8. Increased stocking</li> <li>9. Animal/Forage Balance</li> <li>10.</li> </ol>	

17.	<b>QUALITY CRITERIA DOCUMENTATION</b> <i>list resource concerns then indicate yes/no</i>		
	<ol style="list-style-type: none"> <li>1. Soil - Erosion - Classic Gullies</li> <li>2. Soil - Erosion - Drilling Sites</li> <li>3. Water - Quality - Surface Water Contamination</li> <li>4. Water - Quality - Groundwater Contamination</li> <li>5. Plants - Condition - Health and Vigor</li> <li>6. Plants - Management - Establishment/Growth/Harvest</li> <li>7. Plants - Management - Nutrient</li> <li>8. Animals - Habitat - Domestic Water</li> <li>9. Animals - Management - Population/Resource Balance</li> <li>10.</li> </ol>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> YES <input checked="" type="checkbox"/> YES <input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO

