MANAGEMENT SYSTEM TEMPLATE

B. CONSERVATION MANAGEMENT SYSTEM OPTIONS WORKSHEET

1.	STATE	Oklahoma
2.	FIELD OFFICE	Taloga - Dewey County
3.	MLRA	78C
4.	COMMON RESOURCE AREA (CRA)	078C.40.001
5.	RESOURCE INTERPRETATIONS	*for each resource enter available interp data*
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	11100301-020
7.	SYSTEM TEMPLATE LABEL	FAJZB
8.	SYSTEM NAME	Sandy Uplands
9.	PLANNING PHASE	Non-Benchmark
10.	PLANNING LEVEL	RMS
11.	NRCS LANDUSE	Pasture
12.	PLANNED CONSERVATION PRACTICES	*list practices in the system*

1. Prescribed Burning (338)
2. Diversion (362)
3. Fencing (382)
4. Grade Stabilization Structure (410)
5. Livestock Pipeline (516)
6. Prescribed Grazing (528A)
7. Nutrient Management (590)
8. Tank or Trough (614)
9. Livestock Well (642)
10.

13. SYSTEM NARRATIVE *describe how the practices work together as a system*

This system consists of established introduced grasses, primarily Weeping lovegrass and Old world bluestem. Classic gully erosion and oil field drilling site erosion will be controlled by constructing diversion terraces and grade stabilization structures. Groundwater contaminants, plant health and vigor, plant growth, and grazing distribution will be improved with prescribed grazing, cross fencing, wells, tanks, and prescribed burning. Stocking rates of cow/calf and stocker calves will coincide with forage available for utilization purposes. Nutrient management will control excessive use of fertilizers and their potential for groundwater contamination.

14. RESOURCE CONCERNS	MAGNITUDE/EFFECTS	IMPACTS
1. Soil - Eros - Gully	1. Reduce to 1 ton/yr	1. Save 60 tons/yr
2. Soil - Eros - Drilling	2. Reduce to 1 ton/yr	2. Save 20 tons/yr
3. Water - Qual - Grndwtr	3. Reduce contaminants	3. Improve water
4. Plants - Health/Vigor	4. Increase production	4. Increase forage yields
5. Plants - Est/Grwth/Harv	5. Improve distribution	5. Increase forage yields
6. Plants - Nutrient	6. Economic fertilization	6. Increase forage yields
7. Animal - Res. Balance	7. Balanced numbers	7. Improved stocking rates
8.	8.	8.
9.	9.	9.
10.	10.	10.

17. QUALITY CRITERIA DOCUMENTATION *list resource concerns then indicate yes/no*

1. Soil - Erosion - Classic Gully	_X_ YES	___ NO
2. Soil - Erosion - Drilling Sites	_X_ YES	___ NO
3. Water - Quality - Groundwater Contaminants	_X_ YES	___ NO
4. Plants - Condition - Health & Vigor	_X_ YES	___ NO
5. Plants - Management - Estab., Growth and Harvest	_X_ YES	___ NO
6. Plants - Management - Nutrient	_X_ YES	___ NO
7. Animal - Management - Population and Resource Balance	_X_ YES	___ NO
8.	___ YES	___ NO
9.	___ YES	___ NO
10.	___ YES	___ NO

Conservation Practice Physical Effects on Resource Concerns
Candidate Practice List

State	OK	Field Office	TAlogA	MLRA	78C/80C
Soil Interpretations					

Resource Concerns / Cons. Practices	Classic Gullies	EROS. DRILLING SITES	WATER QUAL. G.W	Plant Health & Vigor	Plant mgt & Est.	Nutrient mgt	Resource Balance			
Prescribe Graze	+	+	+	+	+	+	+			
Fencing	+	+	+	+	+	N	+			
Wells	0	0	+	+	+	+	+			
TANKS	0	0	+	+	+	+	+			
Presc. Burning	+	0	+	+	+	+	+			
Diversion	+	+	−	+	+	+	+			
Nut. Mgt	+	+	+	+	+	+	+			
G.S.S.	+	+	+/−	0	0	0	0			
Pipeline	0	0	N	+	+	+	+			