

Appendix D

Fence Specifications and Construction Details for Wildlife Friendly Cattle Exclusion Fences

Source: Bureau of Land Management Range Manual H-1741-1 – Fencing. Rel 1-1572, 12-6-89.

H-1741-1 - FENCING

BLM Fence Standards for Livestock and Wildlife

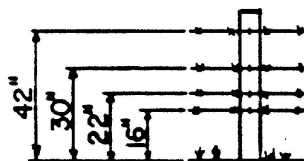
Kinds of Use Combinations

<u>Kinds of Livestock and Wild Burros</u>	<u>Predominant Big Game Wildlife Species</u>	<u>Number Wires</u>	<u>Max. Fence Height in Inches</u>	<u>Wire Spacing (From Ground Up, in Inches)</u>	<u>Wire Type</u>	<u>No. Stays Between Line Posts w/Spacing of 16.5' - 30'</u>
<u>STANDARD BUREAU FENCES:</u>						
Cattle	None	4	42	16, 6, 8, 12	Barbed.	1 to 4
Sheep	None	-	36	2, 24 (Woven) 2, 8	Woven, barbed.	
<u>STANDARD BUREAU MODIFICATIONS TO MEET MULTIPLE-USE NEEDS:</u>						
Cattle (only)	Antelope, Javelina, or Deer and Antelope.	3	38	16, 10, 12	Bottom strand smooth, others barbed.	One w/post spacing of 16.5' -- 1 or 2 w/post spacing of 30'.
Sheep (only)	Antelope, Javelina or Deer	4	32	12, 6, 6, 8 16.5' -- 1 or 2	Bottom strand smooth, others barbed.	One w/post spacing of 16.5' -- 1 to 3 w/post spacing of 30'.
Cattle and Sheep (Use only where sheep control is necessary.)	Antelope Javelina or Deer	4	38	15, 7, 8, 8	Bottom strand smooth, others barbed.	One w/post spacing of 16.5' -- 1 to 3 w/post spacing of 30'.
Cattle and Sheep (normal conditions)	Deer, Elk, Moose, or Antelope.	3	38	16, 10, 12	Bottom strand smooth, others barbed.	1 to 4
Cattle and sheep (Requires greater restriction of livestock movements.)	Deer, Elk, Moose, or Antelope.	4	40	16, 6, 6, 12	Barbed.	1 to 4
Cattle	Bighorn Sheep*	3	39	20, 15, 4	Barbed.	1 to 4
Cattle, Wild Burros	Bighorn Sheep* (Use around watering area)	-	42	18 to bottom rail; 34 and 42 to top of middle and top rails.	Rails 2"-3" diameter.	Line Post spacing 10 feet
Cattle, Wild Burros	Bighorn Sheep*	6	38	18, 4, 4, 4 4, 4	Bottom strand smooth, others barbed.	1 to 2

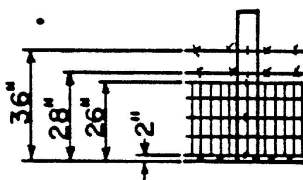
*These fences also meet antelope, and deer standards.

BLM WIRE SPACING STANDARDS
NOT TO SCALE

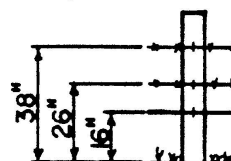
Cattle Only



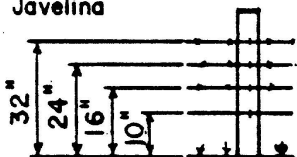
Sheep Only



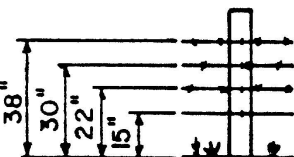
**Combination Of
Cattle With Antelope,
Javelina Or Deer And
Antelope**



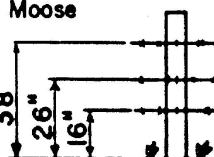
**Combination Of Sheep
Antelope, Deer Or
Javelina**



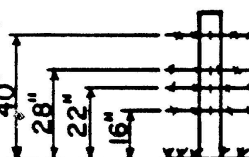
**Combination Of Cattle
And Sheep With
Antelope, Deer Or
Javelina**



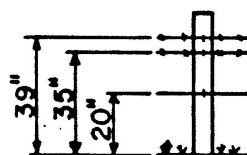
**Combination Of
Cattle And Sheep
(Under Normal
Conditions) With
Deer, Elk Or
Moose**



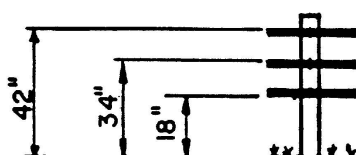
**Combination Of
Cattle (Requiring
Greater Restriction
Of Livestock Movements)
With Deer, Elk, Moose,
Or Antelope**



**Combination Of
Cattle With Bighorn
Sheep**



**For Bighorn Watering Areas;
Combination Of Cattle With
Burros And Bighorn Sheep**



**Combination Of Cattle With
Burros And Bighorn Sheep**

