

Spur Lake
 Quemado Ranger District
 2013 Annual Operating Instructions
 (01/17/13)

Term Permitted Livestock:

Permitted	From	To	Permit
315-438 Cow/Calf	11/01	05/31	Term Permit
478-601 Cow/Calf	06/01	10/31	Term Permit
85 Cow/Calf	11/01	05/31	Pvt. Land

2013 Annual Authorization:

Permitted	From	To	Permit
438 Cow Calf	03/01/13	05/31/13	Term Permit
523 Cow Calf	06/01/13	10/31/13	Term Permit
438 Cow Calf	11/01/13	02/28/14	Term Permit
85 Cow Calf	11/01/13	02/28/14	Pvt. Land
85 Cow Calf	03/01/13	05/31/13	Pvt. Land

2013 Pasture Rotation:

Pasture	From	To	Number	Allowable Use
Antelope	03/01/13	04/15/13	523 Adult Cattle	40%
Basin	04/16/13	05/30/13	523 Adult Cattle	40%
Black Peak/Karuth	06/01/13	07/15/13	523 Adult Cattle	35%
Jenkins Creek	07/16/13	08/15/13	523 Adult Cattle	35%
Canovas	08/16/13	10/30/13	523 Adult Cattle	35%
Lower Coyote/Lake Marie	11/01/13	11/30/13	523 Adult Cattle	40%
Basin	12/01/13	01/15/14	523 Adult Cattle	40%
Canyon/ Mare/ Todd Browning	01/16/14	02/28/14	523 Adult Cattle	40%

* The SA Pasture will be rested during the 2013 Grazing Season.

Grazing Restriction:

The following grazing restrictions apply in the Canovas, Jenkins Creek, and SA pastures. A map displaying these areas was provided to you with your permit.

No salt, mineral or supplemental feed may be placed in this area from February 1 to August 31, and no concentrations of livestock, i.e., corral use, traps or large gathering of livestock is allowed. Routine maintenance of range developments is allowed. Stock tank cleaning must be approved in advance prior to any activities.

Coyote Creek riparian area is excluded from livestock grazing (from the center of Section 15 downstream to the center of Section 3). This exclusion is maintained by a combination of fences and natural barriers. Forest personnel will monitor Coyote Creek riparian area periodically during the season with special attention to periods when livestock grazing is scheduled in adjacent pastures.

Allowable Use:

Proper utilization of forage plants is a necessity to maintain long term productivity of the rangeland and to protect soils from erosion. Proper utilization will maintain sufficient ground cover to prevent erosion and meet the physiological needs of key forage plants for maintenance and reproduction over the long term. Allowable use is determined from considering proper use and all influencing factors such as grazing system, range condition, watershed condition, timing and duration of livestock use and scheduled amount of rest between use periods.

The Decision Notice dated 12/13/99 set guidelines for forage utilization in key areas of 35% allowable use during growing season and 40% during the dormant season. Within riparian areas that contain woody riparian plants, utilization is limited to no more than 25% of woody riparian sprouts/seedlings.

Utilization Monitoring of Key Areas:

Utilization monitoring will be conducted on or near key areas of your allotment. District personnel will monitor pasture use and determine utilization percentage at that time. Monitoring dates are typically set according to the previous year’s monitoring results. However, due to increased management (keeping livestock bunched rather than widely dispersed), monitoring will be conducted more rigorously than normal until success of this management practice can be proven. To the extent possible, monitoring will be conducted at least once monthly to record measurements within areas where livestock are currently (or just left) and those areas where livestock will be grazing next. Also, please continue to send electronic copies of the Range Rider Log to both Monte and Sara every two weeks. In addition to what has traditionally been placed on the Log, please include estimated and/or measured utilization when moving from one area of a pasture to the next. Please note the following approximate dates that are scheduled for monitoring on the Spur Lake Allotment. You are encouraged to participate in monitoring utilization levels.

2013 Monitoring Dates:

Pasture	Monitoring Date	Pasture	Monitoring Date
Antelope	03/22/13 & 04/11/13	Canovas	08/30/13, 09/13/13 & 10/11/13
Basin	04/30/13 & 05/21/13	Lower Coyote/Lake Marie	11/14/13
Black Peak/Karuth	06/20/13 & 07/12/13	Basin	12/13/13 & 01/10/14
Jenkins Creek	07/31/13 & 08/13/13	Canyon/ Mare/ Todd Browning	01/30/14 & 02/20/14

If any one key area in a pasture being grazed by livestock exceeds utilization on the uplands or heavily hedging of woody riparian plant sprouts/seedlings, livestock will be moved to another area of the pasture where actual use is less than allowable use. If all remaining key areas in the

grazed pasture are at allowable use, livestock will be required to be moved early to the next scheduled pasture. This requirement is necessary to prevent overuse on forage plants.

2012 Monitoring Results:

Pasture	Date	Key Area	Use (%)	Pasture	Date	Key Area	Use (%)
Basin	03/23/12	PW	10	*Karruth	09/09/13	Lower	20
Antelope	04/27/12	PW	19	Canovas	09/18/12	C2	0
Antelope	04/27/12	C4	14	Canovas	09/18/12	PW	6
Canyon	05/17/12	P8	6	*Karruth	09/28/12	PW	25
Canyon	05/17/12	C6	6	*Jenkins	10/02/12	PW	25
SA	06/15/12	PW	3	*Canovas	10/09/12	PW	5
Karuth	06/18/12	C7	2	Canovas	10/18/12	PW	16
SA	07/16/12	PW	10	Canovas	10/18/12	C1	22
SA	07/16/12	PW	5	*Canovas	10/19/12	PW	15
Karuth	7/18/12	PW	18	*Stateline	11/24/12	PW	35
Jenkins	08/14/12	C8	1	*Lower Coyote	11/24/12	PW	30
Jenkins	08/14/12	P27	4	*Basin	12/18/12	PW	5
*SA	08/15/12	PW	25	*Basin	12/26/12	West	5
*Karruth	08/15/12	Lower	15	*Basin	12/26/12	North	25
*Jenkins	08/15/12	PW	1	*Basin	01/06/13	West	5
*Jenkins	09/07/12	PW	10	*Basin	01/06/13	North	25
*Jenkins	09/07/12	Smith Canyon	20	*Todd Browning	01/15/13	PW	5

*Utilization monitoring completed by the Spur Lake Manager or Range Rider.

The 2012 monitoring results show 0 accounts of over utilization; I appreciate your efforts in the management of your livestock to comply with utilization standards. Please continue to do so during the 2013 grazing season.

2012 MSO Monitoring Results:

Pasture	Date	PAC	Use (%)	Pasture	Date	Key Area	Use (%)
Canovas	07/13/12	030603003	0	SA	07/18/12	030603029	3
Canovas	07/13/12	030603002	0	SA	07/18/12	030603025	2
SA	07/16/12	030603026	5	Canovas/ Jenkins	07/31/12	030603002	0
SA	07/16/12	030603027	4				

Forage Growth and Water Availability:

If forage growth and water availability are not adequate during all or portions of 2013, total or partial livestock removal from the allotment may be necessary. Part 2, clause 8(c) of the grazing permit provides this option.

Range Improvements:

All assigned range developments identified in the Term Grazing Permit will be maintained to a functional status. Improvements discussed for maintenance during the 2013 grazing season include:

- SA #2
- Smith Tank
- Lake Erin Tank
- Arizona Tank
- Clay Mesa Tank

Please coordinate timing of project work with the District at least one month in advance of planned start date to ensure all appropriate paperwork is completed.

Actual Use:

Actual use data provided to the District was calculated at 5684 AM's for the 2012 grazing season.

If you have any questions or comments concerning these Annual Operating Instructions, please do not hesitate to call Monte Topmiller or Sara Marta at (575) 773-4678.

J/Janice S. Stevenson

JANICE S. STEVENSON
District Ranger

2-25-13

Date