

United States Department of the Interior

BUREAU OF LAND MANAGEMENT Winnemucca District Office 705 East 4th Street Winnemucca, Nevada 89445



JUL 1 2 1993

Stan Ceresola P.O. Box 98 Wadsworth, NV, 89442

Dear Mr Ceresola:

On June 24, Peggy Wiltse, Tom Seley, and you rode to five of the utilization cages within the summer use area of the Rodeo Creek Allotment. Peggy Wiltse checked a sixth one on 6/25 at Cottonwood Basin (See enclosed map). The purpose of that monitoring was to determine if the criteria from the Full Force and Effect Decision dated March 16 had been met. The primary forage species found at the cages were used to determine if the criteria was met. Utilization was conducted using six uses classes: No use (0%); Slight Use (1-20%); Light use (21-40%); Moderate Use (41-60%); Heavy Use (61-80%); and Severe Use (81-100%).

Overall the grasses were much more vigorous than in the previous three years and only slight use was found on the perennial grass species. The antelope bitterbrush (PUTR2) seen above the private land had 6" of leader growth. The aspen stand that was looked at had all age classes with new seedlings present. No apparent use on current year's growth was found on PUTR2, aspen, snowberry, and serviceberry. Approximately 50 horses were seen while riding between cages. They all appeared to be in good condition. A doe was seen also with a fawn that was probably 2 or 3 days old and 5 antelope.

This is the criteria from the decision and the evaluation if the criteria has been met:

- 1) defer livestock grazing until seedripe (approximately July 15).
 - RATIONALE: No residual forage exists and the vigor and overall vegetative production in 1992 was substantially below an average year.

EVALUATION: The grass plants have reached seedripe or will have reached seedripe by July 15, 1993.

2) AND defer livestock grazing until the growth requirements are met on the primary forage species. The growth requirements for cool season grasses, which includes: needlegrass, bottlebrush squirreltail, Idaho fescue, and Indian ricegrass, is a minimum of three inches of leaf growth. Bluegrass should have the seedhead emerging from the boot.

RATIONALE: To insure that there is adequate plant growth to satisfy vegetative requirements of the perennial plants.

Monitoring data was collected at three of the EVALUATION: utilization cages on the Fox Range during April. At Bull Basin the bottlebrush squirreltail and Thurbers needlegrass had 3" of new growth. The amount of forbs present this year is greater than in 1992 when there was almost no forbs present. At the cage between Bull Basin Spring and Coyote Creek the STTH2 and Poa++ had 1 1/2 - 2" of new growth and the SIHY had 2-3" growth. The protected plants (the ones growing underneath the sagebrush) were taller and more vigorous than those plants found in the open. This could be the result of the physiological stress the plants in the open have received in the past from overgrazing. At the third utilization cage at the saddle near Pah Rum Peak the Thurbers needlegrass, Poa++, and bottlebrush squirreltail had about 3-4" of new growth. At all three cages no apparent use was observed. No residual forage was present from last year.

> Furthermore, since the monitoring was done in April the Poa++ has matured and is cured and the other cool season grasses have reached or surpassed the minimum of the three inches of leaf growth.

3) AND adjust livestock numbers according to the amount of use that has already occurred by wild horses and wildlife:

- a) on the summer country (the Fox Range), so that the estimated use will not exceed 50% before livestock are removed from the Fox Range portion of the allotment or at the end of the summer grazing season (October 31). (See attached map for summer and winter range.)
 - RATIONALE: In order to protect the long term health and productivity of the range. Studies show that 50% use on grasses during the growing season does not hinder the plant physiologically and by waiting until seedripe in conjunction with limiting the total use to 50%, plant vigor should increase. Furthermore, a grass plant produces twice the volume of leaves that it needs to complete its growth functions and remain productive (vigor along with carbohydrates reserves are not depleted). Increased plant vigor means better protection to the soil surface and assures greater root volume.

EVALUATION: Overall the perennial grasses had no apparent use to slight use. The horses appear to be eating cheatgrass at this time.

- on the winter country (the flats east of the Fox Range and on the Lake Range), so that the estimated use will not exceed 60% before livestock are removed from the winter country at the end of the winter grazing season (April 30).
 - RATIONALE: 60% use during the winter does not effect the plant physiologically because the plant is dormant.
 - EVALUATION: The winter use area was not evaluated during this monitoring period. It will be monitored prior to cows being turned out onto the winter use area the first of November.

The above criteria has been met on the summer use area, therefore I am reopening the summer use area of the allotment to livestock grazing. The calculations show that 920 cows could use the summer use area from July 15 through October 31. The number of cows is so high because of the shortened season of summer use. Through consultation with you, I am authorizing 250 cows on the summer use area from July 15 through October 31, 1993. I will determine whether or not to open the winter use area depending on what the monitoring data shows before the scheduled turn out. Future livestock use will be in accordance to the Rodeo Creek Re-evaluation and subsequent Final Multipe Use Decision to be issued later this summer.

Sincerely yours,

Bud C. Cribley, Area Manager Sonoma Gerlach Resource Area

Enclosure

cc: Ms. Cathy Barcomb, Commission for the Preservation of Wild Horses and Burros Mr. Richard Heap, Department of Wildlife, state of Nevada Intermountain Federal Land Bank Assoc. Dawn Lappin, Wild Horse Organized Assistance

b)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Winnemucca District Office 705 East Fourth Street Winnemucca, Nevada 89445

In reply refer to:

4130

Memorandum

To:

Bud Cribley, Area Manager Sonoma Gerlach Resource Area

From: Peggy Wiltse, Range Conservationist

Subject: Monitoring of the Rodeo Creek Allotment and recommendation for reopening of the allotment to livestock.

On June 24, Peggy Wiltse, Tom Seley, and the permittee, Mr. Ceresola rode to the utilization cages within the summer use area of the Rodeo Creek Allotment. The purpose of this monitoring was to determine if the criteria from the Full Force and Effect Decision dated March 16 had been met. The key species growth requirement and utilization levels were read at the existing utilization cages. The primary forage species found at the cages were used to determine if the criteria was met. Five cages were inspected at on 6/24 and Peggy Wiltse checked at a sixth one on 6/25 at Cottonwood Basin (See attached map). Utilization was conducted using six uses classes: No use (0%); Slight Use (1-20%); Light use (21-40%); Moderate Use (41-60%); Heavy Use (61-80%); and Severe Use (81-100%).

CAGE #1 - RODED CREEK

The grasses in the openings were smaller than the ones growing in the brush - 6" on squirreltail (SIHY) as opposed to 12" on SIHY within the brush. Rabbitbrush (CHVI), which in previous years had been severely hedged had 8-10+" of growth this year. Horses appeared to be eating cheatgrass. The use was as follows: Poa++ - 3% and SIHY - 2%. Not enough hits were found on Thurber's needlegrass (STTH2) to include it as a key species.

CAGE #2 - PAH RUM

The SIHY had grown at least 3" from 3-4" to 6+" of leaf growth since monitoring occurred in April. The use was as follows: SIHY - 4%, Poa++ - 7%, and STTH2 - 8%.

Between cages #2 and #3 the CHVI, which before this year looked like a bunch of sticks sticking out of the ground, now has 8-10+" of leader growth. Until this year, it did not appear to have as much CHVI as was seen this year.

CAGE #3 - JUNIPER FLATS

The SIHY had 3-6" of leaf growth. Grass plants were found in the innerspaces between the shrub plants as well as within the protection of the shrubs. In the previous three years of monitoring most of the grass plants had been found within the protection of the shrubs. The grass plants in the innerspaces has increased significantly this year. The use was as follows: Poa++ - 3% and SIHY- 2%.

CAGE #4 - COYOTE CREEK

The STTH2 had 3-5" of growth. SIHY averaged over 6" of growth. The use was as follows: SIHY - 1%, STTH2 - 4%, and Poa++ - 1%. More growth had occurred since April due to the early June precipitation.

CAGE #5 - BULL BASIN

The use was as follows: Poa++ - 1%, STTH2 - 2%, SIHY - 1%, and bluebunch wheatgrass (AGSP) - 1%. The bluebunch wheatgrass was found mostly within the protection of the sagebrush with the seedheads sticking up above the brush. A few AGSP were found in the open. STTH2 had leaf growth of 3-6" with seedheads 12" high. SIHY had 6-12" of growth compared to 3" of growth in April. Use was as follows: Poa++ - 1%, STTH2 - 2%, and SIHY - 1%.

CAGE #6 - COTTONWOOD BASIN

The use found was Poa++ - no apparent use and SIHY - 2%. The SIHY plants ranged from 3-6".

Overall the grasses were much more vigorous than in the previous three years. The antelope bitterbrush (PUTR2) seen above Ceresola's private land had 6" of leader growth. The aspen stand that we looked at had all age classes with new seedlings present. No apparent use on current year's growth was found on PUTR2, aspen, snowberry, and serviceberry. We saw 50 horses while riding between cages. They all appeared to be in good condition. We also saw a doe with a fawn that was probably 2 or 3 days old and 5 antelope.

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on the summer country (the Fox Range), so that the estimated use will not exceed 50% before livestock are removed from the Fox Range portion of the allotment or at the end of the summer grazing season (October 31). (See attached map for summer and winter range.)

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- RATIONALE: 60% use during the winter does not effect the plant physiologically because the plant is dormant.
- **EVALUATION:** The winter use area was not evaluated during this monitoring period. It will be monitored prior to cows being turned out onto the winter use area the first of November.

The above criteria has been met, therefore I would recommend to re-open the summer use area of the allotment to livestock grazing. The calculations show that 920 cows could use the summer use area from July 15 through October 31. The number of cows is so high because of the shortened season of summer use. Through consultation with the permittee, only 250 cows will be permitted onto the summer use area from July 15 through October 31.

Paggy Sur Wilton 7/6/93

CALCULATIONS

1) Wild Horse Actual Use

| 161 | norses | 6/15 | - | 6/24 | 10 | days | _ 53 | AUMS | |
|-----|--------|--------|---|-------|-----|------|------|------|--|
| 4/4 | h | 1 14 5 | | 1 100 | 4.0 | | 67 | ALIM | |
| 157 | horses | 5/07 | - | 6/14 | 39 | days | 201 | AUMs | |
| 94 | horses | 3/01 | - | 5/6 | 67 | days | 207 | AUMs | |
| | | | | | | | | | |

2) Desired Stocking Level

 $\frac{461 \text{ AUMs}}{.05*} = \frac{X}{.50}$ X = 4610 AUMs

3) # of AUMs Wild Horses will use

 $\frac{161 \text{ horses x } 248 \text{ days}}{30.41666} = X \text{ AUMs}$ X = 1313 AUMs

4) # of AUMs for Livestock

4610 - 1313 = 3297 livestock AUMs

<u># cows x 109 days</u> = 3297 30.41666

cows = 920 cows

* This is an average of the use occurring on STTH2. STTH2 had the consistently highest utilization levels and since transects were ran; the actual data was used for the carrying capacity calculations instead of the mid-point of the utilization class.

Range Utilization Key Forage Plant Method

- small applants in the open. plants in the · brysh 12" tall

| | | | | Key Fo | orage Plant | : Metho | d | - horse | s appea | r to be ead | | |
|--|--------------------------------------|-------------|----------------------|---------------------------|-------------|-----------------------|--------|---|--------------|--|--|--|
| (1) District | (:) Dat | | 10 | 3) Observe | 12 | | | 0100 | rowth C | | | |
| 1. J. noremucco | 10/20 | 1/93 | | 1. 1:1the Soler, Coresola | | | | | | | | |
| (4) Resource Area | (S) A1 | lotmat | | 6) Operate | r/Allottee/ | (7) Field Hame or Ho. | | | me er No. | | | |
| 5-1- | Rodo | CLOCK | 14 | Stan Coresola | | | | Summ | er use | and on. | | |
| (8) Vegetation Type | (9) | Range Site | | 1001 | (10) Kind() |) & Class | (1) 01 | Grazing Animal (| 1) | | | |
| 10-RI/ is us has all | NIS COACE | ANTRAL | - | | | | | | | | | |
| (11) Use Period | (12 |) Grazing H | lanagene | at System | | | | | | | | |
| | | | | | | | | | | | | |
| (13) Transect Location/ | Key Ares No. | | in the second second | | | | | | | | | |
| Cons #1 R | nden Car | t due | | | | | | | | and any of the local section of the | | |
| rage + 1 | Juan vu | 1 | DOA | ++ | | Sills | 1 | 100.00-00-00-00-00-00-00-00-00-00-00-00-0 | STTNA | والإيد ومسمعة مسترجوا ويجرب والقريبي مترية | | |
| | | Mid- | FUN | Key SI | necies | SIR | ev St | Decies | Key | Species | | |
| (14) lice Poting | of | Point | Fre | Mency of | | Frequ | ency | | Frequen | -vi | | |
| (14) 050 Maching | nowth | (x) | | (f) | (E) Y (V) | 1 | | (5) * (~) | (6) | (E) Y (m) | | |
| Jurrent lear 5 c | nowch | 1 | | | | 1-1- | | | (1) | 10 - 10 | | |
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| Tight (1-101): The remprised has the | to approximate of | | | | ~ | | 1 | | | | | |
| nor be tapped or slightly used. Corr and young plants of bey herbecaust a | Part seniotalla pectes are Little | 10 | | 3. | . 30 | 2 | - | 20 | 2 | | | |
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| time (71-latt: The superiord me is | topped, skiamed. | | | | | | | | | 1 | | |
| or grains as perchas. The law value | the summer of | | | | | | 1 | | | | | |
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| nutering of the second of the second of the second se | une. The proli- | 50 | | | | | | | | | | |
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| of Low value torbar shas forage plant. | a are utilized. | 50 | | | | | | | | | | |
| I to 68 percent of the soulisble lo- by brance plants has been resorted. | ader growth of | | | | | | | | | | | |
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| perver (1)-mail The purgeland has the | cies are slapet | | | | | | | | | | | |
| POTTONE DOUGSLAILS PUBLICLES. BANKE | of shipestelast | | | | | | 1 | | | | | |
| nomes of low value berracenes forne | plants here | 70 | | 1 | | | 1 | | | | | |
| and some plant clamps and be slight; all soullable leaders are used and B | y brokes. Boarly | 10 | | | | | 1 | | | | | |
| remets on try prover plants. Approx | the of the bey | | | | | | 1 | | | | | |
| name l'rears and bear bonad' | | | | | | | | | | | | |
| every (31-1991) . The sungeland has | | | | | | | | | | | | |
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REMARKS (Use back of sheet)

* Where f = the frequency or number of observations within each class interval (f column), x = the class interval midpoint (x column), and $\Sigma =$ the summation symbol.

NV 4400-12 (January 198:

Range Utilization Key Forage Plant Method

| (1) District (1) Da | Le | (3) Observ | 10 | | | | | | |
|---|----------------|------------------|-----------------------|-----------------------|-----------------|------------------|-----------|--|--|
| Winnemuca 1/2 | 4193 | Wiltz | e. Seley, (| Ceresola | | ÷ | | | |
| (4) Resource Area (5) Al | lotment | (6) Operat | er/Allottee T' | (7) Field Hame or No. | | | | | |
| (8) Vegetation Type (9) | Longo Site | Stan (| evesola (10) Elad(|) & Class(s) of | Summer use area | | | | |
| ARTRW. SINY, STTNZ, POA, U. (1)) Use Portod | PINE CI | WICRIC I | seranium | | | | | | |
| (13) Transact Location/Key Ares No. | k. È | | | 10 | | ***** | | | |
| Cage #2 tankum | ang kang Ta | SIHU | | 1004 | | STTN | | | |
| | Mid- | Key S | pecies | Key S | species | Key Species | | | |
| (14) Use Rating of Current Year's Growth | Point (x) | Frequency (f) | (f) X (x) | Frequency (f) | (f) X (x) | Frequency (f) | (f) X (x) | | |
| De Une (Pi): The pangeland shows no evidence of use | | | | | | 70 | | | |
| | 0 | 8 | 0 | 5 | 0 | 4 | 0 | | |
| Flight (1-1991): The semprised has the appearance of very light graving. We have bertweeness force plasts and peaks are alighter mode. Correct semethilds and peaks plasts of her herbessens spectes are little distorted. The available issuers of her breas plasts are little disturbed. | 10 | · 1. · · · | 10 | :: 4 | 40 | 2 | 20 | | |
| (100 (71-104)): The rengeland me be tapped, stimme, for grains at perchas. The low what betweeness plants are uncruited and 60 to 80 paramet of the number of surrout descintials of her herbaceness plants results satart. Must promp plants of the key special are underspeci. Little or an are of low value plants. There is a deriven or closure of low value plants. There is a deriven or closure of low value plants. There is a deriven or theore of low value plants. 21 to 60 percent of the seclide lower growth of the key Wieness primer the term planted. | 30 | • / | 30 | • | 30 | 2 | 60 | | |
| Reserves (d)-op(1). The magniand appears ortirely forvered as shiftening as antural features and featu- lities will allow. Fifteen to 35 percent of the num- ber of survest seedstalls of two for breast runnis intent. The more than 18 percent of the under of low which forthersons forces pinots ore willied. Browse places appear veter wilfordiny stilled and 41 to 60 percents of the sufficient stilled and by browse places have been reserved. | 50 | | • | | | | | | |
| Berver (6)-(0.1). The proposand has the appearance of sompiris search. By horizontal species are shared outpiets practice, by horizontal species are shared outpiets of multiple for the fouries of distinguishing process one massing. Here then 13 percent of the ounter of the value horizoneae dowing plants here been stillard. The preferred betwee plants here how this plant share are used and for torulal been and some plant the preverse for the torulal been remain on key horese plants. Approximity of to 00 percent of the outlike leader growth of the bay been spint has been reserved. | 70 | | | | | | | | |
| <u>Everyte (1)-100%</u> ¹). The reapy land has a non appearance one there are indications of reported average. There is us evidence of poproduction of curvest overlating of her herbaceous groupelos. Ger Werhacease Berge species are completely exilised. The resulting stabile of preferred grasses are grassif to the sell nurface. There is no evidence of terminal bads and d1-100% of evaluation locator groups of the first hord and been proserved. Boost, and effort over the sell has and here preferred for the between plants has been etil- last. Bodging is readily apparent, and the breast plants day more frequently becam: | 90 | | | | | | | | |
| TOTAL | | 10 | 40 | 10 | 70 | 10 | 80 | | |
| $\frac{\Sigma_{f}}{\text{Average Utilization} = \overline{\Sigma_{f}}}$ REMARKS (Use back of she | et) | 40 | 20 | 7 | 50 | | 8% | | |

* Where f = the frequency or number of observations within each class interval (f column), x = the class interval midpoint (x column), and $\Sigma =$ the summation symbol.

NV 4400-12 (January 198:

Range Utilization Key Forage Plant Method

| (1) District (2) Dat | 74/93 | (3) Observ (1)]/= | en Selou | Coveso | la | : | |
|--|--------------|----------------------|--------------|---|-----------|------------------|-----------|
| (4) Resource Ares (5) Allocant 5-(- Rodeo Creo (8) Veretation Tree | | (4) Operation | (10) Kind (1 | ner use area | | | |
| ARTRA POA, LILPING, DRT (11) Use Period | E.JUO | S. DESUL, 9 | EICI, STTH2 | NGSP, PH | 110 | | |
| (13) Transact Location/Key Ares No. | Flats | | | 1999-1997 - Andrew Constant of the second | ** | | |
| | Mid- | POA Key S | pecies | SINY Key S | pecies | Key Species | |
| (14) Use Rating of Current Year's Growth | Point (X) | Frequency (f) | (f) X (x) | Frequency (f) | (f) X (x) | Frequency (f) | (f) X (x) |
| To the roly: The respected stores to evidence of use by gratest ansatte. | 0 | 7 | 0 | Р 8 | 0 | • | |
| Flight (1-205): The rengeland has the appearance of very light (Fraind). We have berthermone darys plants have be togeted or slightly used. Correct scoretails and prome plants of her herboarent spectre are Little documental. The sectionian incluse process of her brows plants are lattle disturbed. | 10 | : 3 | 30 | | 20 | | Altonia |
| (1) the (2)-10(1). The rempelant mer be tapped, stimmed, of grained at particles. The law within betweeness plants and suppressed and 60 to 80 persons of the summer of reverses basederillas of her hortseness plants remain instant. Most promp plants of the her possible transit materials there promp plants of the her possible star materials. There is defined and the term plants. There is defined or the use of her wales plants. There is defined or the use of her wales plants. There is defined or the use of her wales plants. There is defined or the use of her wales plants. There is defined or the use of her wales and the term present of the nonlink is lower growth of the key bluesse possible to the plant plants. | 30 | | | | | | |
| Superprise (41-091): The trappined appears series for event as an information and the series and basis ities will allow. Filters to 21 pervent of the hap- ber of curvest exceletable of key bertweeters species remain fortest. We save that if pervent of the number of key with territorial foreign plants are stilling. Struce plants appear rester mitforeity stilling and it to all pervent of the semilatoric index grath of key browne plants has been tempered. | 50 | | | | | | |
| Source (6)-60.17 We respected has the appearance of samp inter search. Bay herbacean spectre are placed completely multiled with less than 18 percent of the sourcest association president. More than 18 percent of the sourcest association president, Samets of shiremarken graders of sour million. Herbacean forage plant herb herm utilized. The performed herbace plant is no herbac and some plant champs sar he slightly breas. Durity oil evaluate is source are used and for territal herb reveaus do herbacean graves of the Source herbace percent of the source are used and for territal herb percent of the source black Approximation of the her- ber and plants has been present. | 70 | | | | | | |
| <u>Eccurre (1)-1991</u>): The reargined has a sum hyperroad one there are indications of reported severage. There is us erisance of reproduction of corvers bootstills of her berbaceous governot. Her write-coust forige species are samplerely stilled. The remaining studies of preferred grasses are graved to the set horize. There is no orisones of terminal hole and \$1.1071 of revealable lowers graves for the net horize. Here is hower graves in the net troop plants has been properties. Some, and often work, of the Dal and here, nucleus graves of the between plants has well indig is readily apparent, and the broad plants are more frequently bread. | 90 | | | | | | - - |
| TOTAL | | 10 | 30 | 10 | 20 | | |
| Average Utilization = $\overline{\Sigma f}$ REMARKS (Use back of she | x . et) | 372 |)- | 2' | 70 | | |

* Where f = the frequency or number of observations within each class interval (f column), Where f = the frequency or number of observations and $\Sigma =$ the summation symbol. x = the class interval midpoint (x column), and $\Sigma =$ the summation symbol. NV 4400-12 (January 198)

Range Utilization Key Forage Plant Method

| (1) District (1) Dat | | (3) Observ | 107 | | | | | | |
|--|---------------------|----------------------------|---|-----------|-------------|-----------------------|-----------|--|--|
| Wissemucra leta | 4/93 | Wiltse Seley, Guesda | | | | | | | |
| (4) Resource Area (5) All | lotheat | (6) Operat | or/Allottee | | (7) Fleld H | (7) field Hane or No. | | | |
| (a) Veretation Type (9) | DULLER Late Site | 5 Istan celesda Summer use | | | | | | | |
| ARTEM, SINY, STTUR, DOA, ((1)) Use Ported (12 | UDINE. | PILON ERI | 0/- | | • | | | | |
| (13) Transact Location/Key Ares No. | | | na yana karan k | | | | | | |
| - and - contract | 1 | SINY | | STTN2 | | PON | | | |
| | Mid- | Key S | pecies | Key S | pecies | Key S | pecies | | |
| (14) Use Rating of | Point | Frequency | | Frequency | | Frequency | | | |
| Current Year's Growth | (x) | (<u>f</u>) | (f) X (x) | (1) | (f) X (x) | (1) | (f) X (x) | | |
| To find (FA1): The renerical shows no oridones of use by grating salable. | 0 | Ø | 0 | 17 8 | 0 | 1 9 | | | |
| | | 9 | | | | 1 | 0 | | |
| Flight (1-201): The rangeland his the apportune of bory light gracing. The her burbaceaus forme plants have be topped or slightly mode. Currynt southails and prome plants of her burbaceaus spector are Little distorted. The sealishic besaure of her bruce plants are lartic distorted. | 10 | - 1. | . 10 | • | 10 | - 1 | 10 | | |
| Light (11-201): The rengeland may be tapped, stimmed, by graine in potches. The less value betweend, stimmed, are supercoid and 60 to 20 persons of the instant of neurons denotatilis of her herbaceness picets reals instart. Smot promg picets of the by sponso 200 motosequel. Little or in use of les value picets between the between of the between with the smil- ball to 60 persons of the branch is sector and 21 to 60 persons of the branch is sector and 21 to 60 persons of the branch is sector and 21 to 60 persons of the branch is sector and 21 to 60 persons of the branch is sector and the bey Bluese picett the pens attreet. | 30 | | | • / | 30 | | | | |
| Reserves (1)-09(1). The tangeland appears privaly forcered as aniforbit as antonial functions and facil- lities will allow. Fifteen to 25 percent of the num- ber of anyoned acodesialis of her forcereme spatce runnia factori. To save than 15 percent of the aniver of ice values arrowers freque junts or willied. Forume places appear patter uniforbit stilled and it to 60 percents of the amiliar is indiced. It or the percents of the amiliard is losder growth of her brown places has been preserved. | 50 | | | | | | | | |
| Buyer (6)-60-11 The parameters has the appearance of damp crist search. Bay borbaceau spector are shared sources as search. Bay borbaceau spector are shared sources are subshare. Here then 18 percent of the context of the value horbaceau forces plants for home of 16 are share horbaceau forces plants here bound of the value horbaceau forces plants here bound at 11,200. The performed bounds plants are hedged and some plant shares are used and for terminal here resultable londers are used and for terminal here resultable londers are used and for terminal here resultable here plants. Approximation (1 to 00 percent of the souldable londer growth of the here brease plants has been reserved. | 70 | | | | | | | | |
| <u>Eccurro (3)-100(1)</u> . The range land has a non appearance one there are indications of repostal severage. There is no evidences of reproduction of servers bestriking of ber herbacrons ground. See Verbacrous forige species are completely exilized. The resulting studies of proferring grounds are ground for the sell server. There is no evidence of terminal bads and 81-100% of resultable locator growth on the lot of the sell server best protects of the invest plants has been proserved. Some, and efficient plants has been proserved. Some, and efficient plants has been superved. Some, and efficient plants has been superved. Some, and efficient plants has been superved. Bound and the hervest plants are more frequently breast. | 90 | | | | | | | | |
| TOTAL | | 10 | 10 | 10 | 40 | 11 | 10 | | |
| Average Utilization = $\overline{\Sigma f}$ | <u>×</u> | 10 | 20 | 40) | | 192 | | | |
| REMARKS (Use back of shee | et) | | | | | | | | |

* Where f = the frequency or number of observations within each class interval (f column), Where f = the frequency or number of observations and $\Sigma =$ the summation symbol. x = the class interval midpoint (x column), and $\Sigma =$ the summation symbol. NV 4400-12 (January 198:

AGBP - NAY - sight . 100

Range Utilization Key Forage Plant Method

| (1) District (2) Dat | 10 | (3) Observ | 192 | | | | |
|--|------------|---------------------|--|---------------------------------------|--|------------|---|
| Winnunga 10/5 | 24/93 | Wilt | se seley | Ceresola | a | | |
| (4) Resource Ares (5) Alt | lotment | (6) Operati | er/Allottee | 1 | (7) Fleid H | ane or No. | andrean and a generation of the second |
| 5-6- Rode | o Gree | K Stan | (onescia | · · · · · · · · · · · · · · · · · · · | Summ | ner use a | 40 |
| (8) Vegetation type | Range blow | | (10) Alma(= | i) é Classial ar | CLEATING VITTORY | •) | |
| All Use Period (12 | Craring | Management System | | | an a | | |
| |) | Maring among aftern | | | | | |
| (13) Transect Location/Key Ares No. | | | | | | | in an |
| case #5 13ull | Basin | U | ······································ | | | | |
| 0 | Wid- | POA You S | notes | STAD | inecies | JINY Key S | hadies |
| (14) Use Rating of | Point | Frequency | pecies | Frequency | pecies | Frequency | |
| Current Year's Growth | (x) | (f) | (f) X (x) | (f) | (f) X (x) | (f) | (f) X (x) |
| So the (94): The pageland shows no oridenes of use | | - | | | | 17 | |
| of freed areas | | | | 1 | | K. | |
| | 0 | 9 | 0 | 8 | 0 | 9 | 0 |
| | | | | | | | |
| Flicke (1.301): The manufand has the appersume of | | 1 | | | | | |
| sery light grains. The bay bertacous forage plants tory be tapped or slight fruits. Curvest seederally | 10 | 1 1 1 | 10 | 2 | 20 | 1 | 10 |
| distortes. The sociliais instarts of key bruce plasts are listed. | | | 1.10 | | 20 | | |
| (jper (1)-left): The removine may be tapped, stimme, by graves as perchan. The law wils betweeness plats are uncreased and ob all percents of the same of | | | | | | | |
| entront descirtable of her bertscence plants remain actart. Hert promp plants of the key species are minimum. Little or we are of her value plants. | 120 | | | | | | |
| There is thrings oridenes of issuer and. The souls able lessers appear cropped or bruned is patches and | 50 | | | | | | |
| the key brune plants has been reserved. | | | | | | | |
| Rederives (4)-60(1: The masselend appears sectors) severed as uniformity as natural features and Ball- | | | | | | | |
| Ities will bism. Filter of toy bertacene speles remin intert. To mer then 18 percent of the unitor | 571 | | | | | | |
| of low value herbacemus forage plants are stiller. Browse plants appear rubber uniformiy stillers and al as do merosons of the emilable lender grack of | 30 | · · · · · · · · · | | | | | |
| by prove plants had been prevent. | | | | | | | |
| Grew (61-60-1) The parapoland has the appearance of damp lots searth. Boy herincoust species are bloost | | | | | | | |
| despiriting this is the set of th | i - 1 | | | | | | |
| tender of Los value Derisseent Series plants were been stilling. The preferred brown plants are beiged and some plant dlamps may be slightly broken. Bendly | ~ 1 | | | · | | | |
| all ovaliable leaders are used and few terminal bade remain on her browne plants. Approximation of the MM | 101 | | | | | | |
| brinne plants and been recoved. | | | | | | | |
| Servery (1)-100111 The range Land has a same appearance and there are indications of repost of serverage. There | | | | | | | |
| is no oridance of represention of curvest secondities of boy beriescous species. For terbecome forage marries and semilater multiped. The resulting studets | | | | | 10,1903 | | |
| of proferred grasses are grased to the seil serface. There is no evidence of terminal buts and SI-1001 of | 60 | | | | 1.5.4 | | |
| been reserved. Some, and often such, of the 3rd and 3rd year's growth of the browse plants has been stil- | 90 | | | | | | |
| Land. Modging 10 readily separate, and the pressur plants are more frequently broas. | | | | | | | • |
| | | | 10 | 10 | ~ | 1. | 1 |
| TOTAL | | /0 | 10 | 10 | (0 | 10 | 16 |
| Average Utilization = If | ÷. | 1 | 20 | , 2 | 07.0 | 197 | • |
| REMARKS (Use back of sher | et) | | | | 10 | 1 / | |

* Where f = the frequency or number of observations within each class interval (f column), x = the class interval midpoint (x column), and Σ = the summation symbol.

NV 4400-12 (January 198:

Range Utilization Key Forage Plant Method

| (1) District (2) De | t.a | (3) Observ | 10 | a phang and a state of the state of the state | | | | | |
|---|---------|-----------------------|--|---|-----------------------|-----------|--------|--|--|
| Winnemucra 6/2 | 5/93 | Wilt | je_ | | | • | | | |
| (4) Resource Area (5) Al | lotment | (6) Operator/Allottee | | | (7) Field Hame or No. | | | | |
| D-G Kode | ocreek | Dtan | Ceresola | A Class(a) of | Summ | or use ar | ear | | |
| ARTEM ATCO, GRSP, C (11) Use Period | NRY 5 | LE DE , POA | DE, POA, SINY, TESP, ERIOG, CASTI, CRACZ | | | | | | |
| (13) Transect Location/Key Ares No. | | 1 Praise | | | | | | | |
| Lage - 10 Com | Nid | POR | naciae | SIHY | Species | You S | macias | | |
| (14) Use Pating of | Point | Frequency | pecies | Frequency | A | Frequency | A | | |
| Current Year's Growth | (x) | (f) | (f) X (x) | (f) | (f) X (x) | (f) | | | |
| To the 1951: The range land shows as orsing of the by graining soluble. | | × | | FI | | | | | |
| | 0 | /0 | 0 | 8 | 0 | | | | |
| Flight (1-201): The reagained has the appearance of very light grained. The her bertaeness formy plasts hav be topped or slightly mode. Current semicula and yrang plants of key bertaeness spectre are Little disturbution. The semilable lessers of key brokes plasts hav hirtle disturbed. | 10 | | | . 2 | 20 | ж | | | |
| Alger (21-201): The rempeted mer be tapped, shimsed, for grates in perches. The ise with betweener plants are unpraced and 60 to 80 percent of the under of surveys beschträlls of the herbersone plants preside intert. More proved plants of the bey specifie are undersonaded. Little or in one of lev when plants. There is a befrient ortications of inner on. The orbit- able leaders' appear croppen or browned in perches and 21 to 60 percent of the serialise leader growth of the bey former proved in two pathwest. | 30 | | | | | | | | |
| Begerves [4]-041: The mageland appears entirely forvered as shifterby as asharal Bearses and Bell- likes will allow. Fifteen to 35 percent of the num- ber of curvent associatils of they betraserved spaties fromile issues. We more than 18 percent of the univer of law values hereforem forces planes are utilized. Revues planes appear values uniformly utilized and di to 60 percents of the semiloric levels growth of her breves planes and the semicord. | 56 | | | | | | | | |
| Surve (1)-00-1: The personal has the appearance of any iris bearch. By brincoust species are placed own iris y millied such her than 15 prevent of the burrow severalize ymaining. Burst of thisbanakow gracers are missing. Here than 15 prevent of the number of the value horizons of the former places are hedged and seen plane three preverve brows places are hedged and seen plane three parts and for trental hest trencial on the bedres are used and for trental hest trencial of the policies index investigation to the prevent of the policies index investigation of the B prevent of the policies index graves of the her brows plants has been proved. | 70 | | | - | | | | | |
| <u>Eccure (1)-10011</u> . The reageland has a new appearance ins there are indications of reported severage. There is us erisances of representions of several backstalls of her herbacheau geoches. Geo Verbackeau Bardge species are completelly stilled. The remaining students of preferred grasses are grassed to the bull herback. There is us orisones of terminal hole and 81-1001 of presible leader growth on the key and 81-1001 of herback leader growth of the bull holes of 81- her year's growth of the leven plants has been stil- lard. Badging is readily operative, and the Brease plants are never frequencing becau. | 90 | | | | | | | | |
| TOTAL | | 10 | 0 | 10 | 20 | | | | |
| Average Utilization = $\overline{\Sigma f}$ REMARKS (Use back of she | x + | 0 | 90 | 2' | 76 | | | | |

* Where f = the frequency or number of observations within each class interval (f column), x = the class interval midpoint (x column), and E = the summation symbol.

NV 4400-12 (January 198:

June 24, 1993



Rodeo Creek - cage #1 Rodeo Creek

June 24,1993



Rodeo Creek-Bitterbrush



Rodeo Creek - Bitterbrush

April 22,1993



Rodeo Creek-Bull Basin



Rodeo Creek-Coyote Creek



Rodeo Creek-Bull Basin



Rodeo Creek -Bull Basin

June 24, 1993



Rodeo Creek - Cage #3 Juniper Flat



Rodeo Creek - Cage #6 Cottonwood Basin June 24,1993



Rodeo Creek - Cage #2 Pah Rum



Rodeo Creck - Cage #2 Pah Rum

April 30, 1993



Rodeo Creek-Pah Aum

April 30,1993



Rodeo Creek -Pah Rum



Rodeo creek-Pah Rum

April 22, 1993



Rodeo Creek-Coyote Creek



Rodeo Creek-Coyote creek

June 24,1993



Rodeo Creek - Cage#4 Coyole Creek



Rodeo Creek- cage #4 Coyote Creek June 24, 1993



Rodeo Creek - Cage#5 BullBasin

