

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Winnemucca District Office
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In Reply Refer To:
NV-023.8

November 6, 1996

Memorandum

To: Pete Christensen, ADM Renewable Resources

From: Ron Hall, WH&B Specialist

Subject: Final Report-Snowstorm Fire Rehab Gather

The Snowstorm Mts. HMA was gathered 10/28 through 10/30 1996. All horses were shipped to the Litchfield Corral out of Susanville, California. The last 34 horses were shipped on 11/1/96. The Contractor was Cook/Heaverne Livestock.

TOTAL CAPTURE	174
Shipped	88
Released	86
Died/Destroyed	0
Roped	0

The release horses were composed of 40 Studs--44 Mares and 2 foals that were too young to wean and were on older mares. Within the mares, 8 mares under 10 years of age were released. This action was taken as per the gather plan which identified the need to start restructuring the age of the population. In addition, these extra horses balanced the sex ratio at 52% female and 48% male which is the norm for populations where selective removals have not been conducted.

Problems were encountered with using the gather helicopter for a post gather census. As a result, numbers ungathered are not known. The pilot reported that he had gathered almost everything with approximately 4 head remaining in First Creek and about 5 in Castle Ridge Pasture. If these numbers are correct, the post gather population was 95 horses which included the 2 foals. These numbers are well within the AML parameters of 90-140 Adult Horses and approach the low end of the range within 3 horses.

Ron Hall and Gene Seidlitz were the on site government representatives. Blood samples for genetic analysis was collected on the majority of the release horses and all horses were freeze

marked on the left hip. One horse, a mare, was from the Lake Creek portion of the Owyhee and was marked during the 1992 gather of Lake Creek. This data seems to indicate that movement between Lake Creek Field and the Snowstorm HMA via Rodear Flat may be insignificant but at times may happen..

Of the horses that should have been present on the Snowstorm HMA during the 1994 gather 80% were freeze marked. The production/survival to this point (Foals/100 Adults) was 27%. With the exception of 3 mares, all the horses were in good shape. The areas inhabited by the horses has the most forage production of any area that I have worked in. It was interesting to me that given range condition/forage production, that these three mares were in such poor condition. All three mares had foals on them which I weaned, and they should pick up in condition. This indicates that even under excellent conditions some mares with foals on them will be thin and their condition is more related to their age and the nutritional drain to the foal-rather than range condition.

I will prepare a more detailed report on the data collected as soon as I have time. I have promised Roy Leach the raw data as well as a copy of this report.

Ran Hall

Sex	Color	Age	Remarks	Pen
M	BAY	11 -	12	C
Filly	BAY	Colt		E
* M	GRAY	2 -		A C
S	BROWN	13	11	D
M	BAY	18 -	12	C
M	BROWN	11 -	WET	C
S	Colt - BAY			E
S	BAY	25	11	D
S	BAY BROWN	17		D
S	Sorrel	20		D
S	BAY	12	11	D
S	Sorrel	19	11	D
S	BAY	10	11	D
S	BAY	8	11	B
* M	PAINT - Sorrel	8 -	12	C
M	BAY	8 -	12	A
M	BAY	8 -	12	A
S	BAY	3		B
S	BAY	19		D
S	Sorrel	20	11	D

Pen/Disposition	Carried Forward	Running Total
A - Young Mares 9 & under	0	2
B - Young Studs 9 & under	0	2
C - Old Mares 10 & older	0	5
D - Old Studs 10 & older	0	9
E - Foals to PVC UNDER 1 YR.	0	2
F - Foals to be Released w/Mare	0	0
G - Destroyed	0	

* indicates Release Horse 9 yrs or under

b/b2

Sex	Color	Age	Remarks	Pen
<i>M</i>	<i>PALIMINO - PAINT</i>	<i>17 -</i>	<i>18</i>	<i>C</i>
<i>S</i>	<i>BAY</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>ROAN</i>	<i>Colt</i>		<i>E</i>
<i>* EILLY</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>13</i>	<i>11</i>	<i>D</i>
<i>M</i>	<i>BROWN</i>	<i>1 -</i>		<i>A</i>
<i>M</i>	<i>BAY</i>	<i>11 -</i>	<i>14</i>	<i>C</i>
<i>M</i>	<i>Sorrel</i>	<i>10 -</i>	<i>XX</i>	<i>C</i>
<i>S</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>BAY</i>	<i>Colt</i>		<i>B</i> <i>E</i>
<i>S</i>	<i>BAY</i>	<i>10</i>		<i>D</i>
<i>M</i>	<i>Sorrel</i>	<i>2 -</i>		<i>A</i>
<i>M</i>	<i>BAY</i>	<i>2 -</i>		<i>A</i>
<i>S</i>	<i>BUCKSKIN</i>	<i>3</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>14</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>BAY</i>	<i>10</i>	<i>11</i>	<i>D</i>
<i>S. A</i>	<i>Red Roan</i>	<i>16</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>GRAY</i>	<i>10</i>	<i>11</i>	<i>D</i>
<i>M</i>	<i>Sorrel</i>	<i>2 -</i>		<i>A</i>

Pen/Disposition	Carried Forward	Running Total	
<i>A - Young Mares</i>	<i>2</i>	<i>4</i>	<i>6</i>
<i>B - Young Studs</i>	<i>2</i>	<i>3</i>	<i>5</i>
<i>C - Old Mares</i>	<i>5</i>	<i>3</i>	<i>8</i>
<i>D - Old Studs</i>	<i>9</i>	<i>6</i>	<i>15</i>
<i>E - Foals to PVC</i>	<i>2</i>	<i>4</i>	<i>6</i>
<i>F - Foals to be Released w/Mare</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>G - Destroyed</i>	<i>0</i>	<i>0</i>	<i>0</i>

9/8

Sex	Color	Age	Remarks	Pen
M	BLUE ROAN	Colt		E
S	Red Roan	Colt		E
M	BAY	4	FROZE BAND # 92547837	A
M	PALIMINO	2		C
S	BAY	6		B
S	Sorrel	Colt		E
S	Red Roan	25	11	D
S	Sorrel	6		B
M	BAY	2		A
S	BAY	15	11	D
M/S	GRAY	6	wet	AC
S	GRAY	Colt		E
M	BAY	17	12	C
S	Sorrel	12	11	D
S	Chestnut	13		D
S	Sorrel	15		D
M	BLUE ROAN	Colt - GRAY		E
M	BAY	21		A
M	BAY	Foal		E
S	Sorrel	17	11	D

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*

Pen/Disposition	Carried Forward	Running Total	
A - Young Mares	6	3	9
B - Young Studs	5	2	7
C - Old Mares	8	3	11
D - Old Studs	15	6	21
E - Foals to PVC	6	6	12
F - Foals to be Released w/Mare	0	0	0
G - Destroyed	0	0	0

7/5

Sex	Color	Age	Remarks	Pen
<i>M</i>	<i>BAY</i>	<i>9</i>		<i>A</i>
<i>Filly</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>FLAXEN Sorrel</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>S</i> <i>Sorrel</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>4</i>		<i>B</i>
<i>S</i>	<i>GRAY</i>	<i>10</i> <i>11</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>BAY</i>	<i>2</i>		<i>B</i>
<i>S</i> <i>M</i>	<i>BAY</i>	<i>18</i>	<i>- wet 12</i>	<i>C</i>
<i>M</i>	<i>BAY</i>	<i>12</i>	<i>- 12</i>	<i>C</i>
<i>S</i>	<i>BAY</i>	<i>1</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>11</i>	<i>11</i>	<i>D</i>
<i>M</i>	<i>Sorrel BAY</i>	<i>19</i>	<i>- 12</i>	<i>C</i>
<i>S</i>	<i>BROWN</i>	<i>1</i>		<i>B</i>
<i>M</i>	<i>BROWN</i>	<i>2</i>		<i>A</i>
<i>S</i>	<i>Palamino</i>	<i>6</i>		<i>B</i>
<i>Filly</i>	<i>Sorrel-FLAX</i>	<i>Filly</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>8</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>1</i>		<i>B</i>

Pen/Disposition	Carried Forward	Running Total	
<i>A - Young Mares</i>	<i>9</i>	<i>2</i>	<i>11</i>
<i>B - Young Studs</i>	<i>7</i>	<i>9</i>	<i>16</i>
<i>C - Old Mares</i>	<i>11</i>	<i>3</i>	<i>14</i>
<i>D - Old Studs</i>	<i>21</i>	<i>2</i>	<i>23</i>
<i>E - Foals to PVC</i>	<i>12</i>	<i>4</i>	<i>16</i>
<i>F - Foals to be Released w/Mare</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>G - Destroyed</i>	<i>0</i>	<i>0</i>	<i>0</i>

7/5

Sex	Color	Age	Remarks	Pen
S	BAY	6		B
S	BAY	8	11	B
M	BAY	9	12 WET	A
M	Sorrel	10	12	A C
M	Sorrel-FLAX	19	12	C
S	Sorrel	Colt		E
M	BAY	10	12	C
M	BROWN	1		A
S	Sorrel	4		B
Filly	BAY	Colt		E
S	Sorrel	22		D
S	Chestnut	Colt		E
S	BAY	16	11	D
M	Red ^{BLUE} Roan	18	12	C
S	Sorrel	13	11	D
S	Sorrel	Colt		E
M	Sorrel-FLAX	8	12	A
S	Sorrel	Colt		E
M	BAY	16	12	C
S S	BAY Sorrel	Colt		E

Pen/Disposition	Carried Forward	Running Total	
A - Young Mares	11	3	14
B - Young Studs	16	3	19
C - Old Mares	14	5	19
D - Old Studs	23	3	26
E - Foals to PVC	16	6	22
F - Foals to be Released w/Mare	0	0	0
G - Destroyed	0	0	0

11/10

Sex	Color	Age	Remarks	Pen
<i>M</i>	<i>BAY</i>	<i>11</i>	<i>12</i>	<i>C</i>
<i>Filly</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>M</i>	<i>GRAY</i>	<i>2</i>		<i>A/C</i>
<i>S</i>	<i>BROWN</i>	<i>13</i>	<i>11</i>	<i>D</i>
<i>M</i>	<i>BAY</i>	<i>18</i>	<i>12</i>	<i>C</i>
<i>M</i>	<i>BROWN</i>	<i>11</i>	<i>WET</i>	<i>C</i>
<i>S</i>	<i>Colt - BAY</i>			<i>E</i>
<i>S</i>	<i>BAY</i>	<i>25</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>BAY BROWN</i>	<i>17</i>		<i>D</i>
<i>S</i>	<i>Sorrel</i>	<i>20</i>		<i>D</i>
<i>S</i>	<i>BAY</i>	<i>12</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>Sorrel</i>	<i>19</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>BAY</i>	<i>10</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>BAY</i>	<i>8</i>	<i>11</i>	<i>B</i>
<i>M</i>	<i>PAINT - Sorrel</i>	<i>8</i>	<i>12</i>	<i>C</i>
<i>M</i>	<i>BAY</i>	<i>8</i>	<i>12</i>	<i>A</i>
<i>M</i>	<i>BAY</i>	<i>8</i>	<i>12</i>	<i>A</i>
<i>S</i>	<i>BAY</i>	<i>3</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>19</i>		<i>D</i>
<i>S</i>	<i>Sorrel</i>	<i>20</i>	<i>11</i>	<i>D</i>

Pen/Disposition	Carried Forward	Running Total
<i>A - Young Mares 9 & under</i>	<i>0</i>	<i>2</i>
<i>B - Young Studs 9 & under</i>	<i>0</i>	<i>2</i>
<i>C - Old Mares 10 & older</i>	<i>0</i>	<i>5</i>
<i>D - Old Studs 10 & older</i>	<i>0</i>	<i>9</i>
<i>E - Foals to PVC UNDER 1 YR.</i>	<i>0</i>	<i>2</i>
<i>F - Foals to be Released w/Mare</i>	<i>0</i>	<i>0</i>
<i>G - Destroyed</i>	<i>0</i>	

* indicates Release Horse 9 yrs or under

16/12

Sex	Color	Age	Remarks	Pen
<i>M</i>	<i>PALIMINO - PAINT</i>	<i>17</i>	<i>18</i>	<i>C</i>
<i>S</i>	<i>BAY</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>ROAN</i>	<i>Colt</i>		<i>E</i>
<i>* EILLY</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>13</i>	<i>11</i>	<i>D</i>
<i>M</i>	<i>BROWN</i>	<i>1</i>		<i>A</i>
<i>M</i>	<i>BAY</i>	<i>11</i>	<i>14</i>	<i>C</i>
<i>M</i>	<i>Sorrel</i>	<i>10</i>	<i>1X</i>	<i>C</i>
<i>S</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>BAY</i>	<i>10</i>		<i>D</i>
<i>M</i>	<i>Sorrel</i>	<i>2</i>		<i>A</i>
<i>M</i>	<i>BAY</i>	<i>2</i>		<i>A</i>
<i>S</i>	<i>BUCKSKIN</i>	<i>3</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>14</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>BAY</i>	<i>10</i>	<i>11</i>	<i>D</i>
<i>S. A</i>	<i>Red ROAN</i>	<i>11/6</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>GRAY</i>	<i>10</i>	<i>11</i>	<i>D</i>
<i>M</i>	<i>Sorrel</i>	<i>2</i>		<i>A</i>

Pen/Disposition	Carried Forward	Running Total	
A - Young Mares	<i>2</i>	<i>4</i>	<i>6</i>
B - Young Studs	<i>2</i>	<i>3</i>	<i>5</i>
C - Old Mares	<i>5</i>	<i>3</i>	<i>8</i>
D - Old Studs	<i>9</i>	<i>6</i>	<i>15</i>
E - Foals to PVC	<i>2</i>	<i>4</i>	<i>6</i>
F - Foals to be Released w/Mare	<i>0</i>	<i>0</i>	<i>0</i>
G - Destroyed	<i>0</i>	<i>0</i>	<i>0</i>

9/8

Sex	Color	Age	Remarks	Pen
M	BLUE ROAN	Colt		E
S	Red Roan	Colt		E
M	BAY	4	FROZE BAND # 92547837	A
M	PALIMINO	2		C
S	BAY	6		B
S	Sorrel	Colt		E
S	Red Roan	25	11	D
S	Sorrel	6		B
M	BAY	2		A
S	BAY	15	11	D
M/S	GRAY	6	wet	AC
S	GRAY	Colt		E
M	BAY	17	12	C
S	Sorrel	12	11	D
S	Chestnut	13		D
S	Sorrel	15		D
M	Blue Roan Colt - GRAY	Colt		E
M	BAY	21		A
M	BAY	Foal		E
S	Sorrel	17	11	D

Pen/Disposition	Carried Forward	Running Total	
A - Young Mares	6	3	9
B - Young Studs	5	2	7
C - Old Mares	8	3	11
D - Old Studs	15	6	21
E - Foals to PVC	6	6	12
F - Foals to be Released w/Mare	0	0	0
G - Destroyed	0	0	0

7/15

Sex	Color	Age	Remarks	Pen
<i>M</i>	<i>BAY</i>	<i>9</i>		<i>A</i>
<i>FILLY</i>	<i>BAY</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>FLAXEN Sorrel</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>S</i> <i>Sorrel</i>	<i>2</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>4</i>		<i>B</i>
<i>S</i>	<i>GRAY</i>	<i>10</i> <i>11</i>	<i>11</i>	<i>D</i>
<i>S</i>	<i>BAY</i>	<i>2</i>		<i>B</i>
<i>S</i> <i>M</i>	<i>BAY</i>	<i>18</i>	<i>Wet 12</i>	<i>C</i>
<i>M</i>	<i>BAY</i>	<i>12</i>	<i>12</i>	<i>C</i>
<i>S</i>	<i>BAY</i>	<i>1</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>11</i>	<i>11</i>	<i>D</i>
<i>M</i>	<i>Sorrel BAY</i>	<i>19</i>	<i>12</i>	<i>C</i>
<i>S</i>	<i>BROWN</i>	<i>1</i>		<i>B</i>
<i>M</i>	<i>BROWN</i>	<i>2</i>		<i>A</i>
<i>S</i>	<i>Palamino</i>	<i>6</i>		<i>B</i>
<i>FILLY</i>	<i>Sorrel-FLAX</i>	<i>Filly</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>Colt</i>		<i>E</i>
<i>S</i>	<i>Sorrel</i>	<i>8</i>		<i>B</i>
<i>S</i>	<i>BAY</i>	<i>1</i>		<i>B</i>

Pen/Disposition	Carried Forward	Running Total	
<i>A - Young Mares</i>	<i>9</i>	<i>2</i>	<i>11</i>
<i>B - Young Studs</i>	<i>7</i>	<i>9</i>	<i>16</i>
<i>C - Old Mares</i>	<i>11</i>	<i>3</i>	<i>14</i>
<i>D - Old Studs</i>	<i>21</i>	<i>2</i>	<i>23</i>
<i>E - Foals to PVC</i>	<i>12</i>	<i>4</i>	<i>16</i>
<i>F - Foals to be Released w/Mare</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>G - Destroyed</i>	<i>0</i>	<i>0</i>	<i>0</i>

2/5

Sex	Color	Age	Remarks	Pen
S	BAY	6		B
S	BAY	8	11	B
M	BAY	9	12 WET	A
M	Sorrel	10	12	A C
M	Sorrel-FLAX	19	12	C
S	Sorrel	Colt		E
M	BAY	10	12	C
M	BROWN	1		A
S	Sorrel	4		B
Filly	BAY	Colt		E
S	Sorrel	22		D
S	Chestnut	Colt		E
S	BAY	16	11	D
M	Red ^{BLUE} Roan	18	12	C
S	Sorrel	13	11	D
S	Sorrel	Colt		E
M	Sorrel-FLAX	8	12	A
S	Sorrel	Colt		E
M	BAY	16	12	C
S S	BAY Sorrel	Colt		E

Pen/Disposition	Carried Forward	Running Total	
A - Young Mares	11	3	14
B - Young Studs	16	3	19
C - Old Mares	14	5	19
D - Old Studs	23	3	26
E - Foals to PVC	16	6	22
F - Foals to be Released w/Mare	0	0	0
G - Destroyed	0	0	0

11/10

Sex	Color	Age	Remarks	Pen
S	PALIMINO	2		B
M	BROWN	12 ✓	12 wet	C
S	BROWN	Colt		E
S	Red ROAN	11	11	D
S.	BUCKSKIN	Colt		E
S.	BAY	Colt		E
S.	Sorrel	Colt		E
S	PALIMINO BAY	19	11	D
M S	BAY	9 ✓	12	A
M	BAY	2 ✓		A
M	BAY	2 ✓		A
M	BAY	Colt ✓		E
M	BLACK	20 ✓		C
Filly	BAY	Filly ✓		E
M	PALIMINO	10 ✓	Wet	C
M	BROWN	20 ✓	18	C
M	BAY	16 ✓	12	C
Filly	Sorrel-FLAX	Filly ✓		E
M	Sorrel	3 ✓	12	A
S	Sorrel	17	11	D

Pen/Disposition	Carried Forward	Running Total
A - Young Mares	0	4
B - Young Studs	0	1
C - Old Mares	0	5
D - Old Studs	0	3
E - Foals to PVC	0	7
F - Foals to be Released w/Mare	0	0
G - Destroyed	0	0

9/8

Sex	Color	Age	Remarks	Pen
M	BROWN	2 ✓		A
S	SORREL	7		B
S	BAY	COLT		E
M	BROWN	20 ✓	12 ^{No} Blood	C
FILLY	Red ROAN	FILLY ✓		E
M	PALIMINO	20 ✓	18	C
M	BAY	2 ✓		A
M	BAYSORREL	8	Freeze Brand # 91 & 47266 5	A
M	SORREL-FLAX	3 ✓		A
M	BAY	2 ✓		A
M	BAY	1 ✓		A
M	SORREL	13 ✓	WET ONE EYE 12	C
M	BAY	20 ✓	12	C
S	BAY	16	11	D
S	PALIMINO	10	11	D
M	PALIMINO	10 ✓		C
S	BROWN	12	17	D
* M	SORREL	2 ✓		C
FILLY	SORREL	FILLY ✓		E
M	SORREL	18 ✓		C

Pen/Disposition	Carried Forward	Running Total	
A - Young Mares	4	6	10
B - Young Studs	1	1	2
C - Old Mares	5	7	12
D - Old Studs	3	3	6
E - Foals to PVC	7	3	10
F - Foals to be Released w/Mare	0	0	0
G - Destroyed	0	0	0

