# SONOMA - GERLACH RESOURCE AREA

# RANGELAND PROGRAM SUMMARY

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U.S. Department of the Interior Bureau of Land Management Winnemucca District Office Winnemucca, Nevada



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#### Introduction

The Final Sonoma-Gerlach Grazing Environmental Impact Statement (EIS) was completed in September of 1981. It analyzed a proposed rangeland management program, along with several alternatives, for livestock grazing, wildlife habitat resources, and wild horse and burro grazing for the Winnemucca District's Sonoma-Gerlach Resource Area. Upon completion of the Environmental Impact Statement, the District began the last phase of the planning process for these resource management programs for the purpose of determining final land use decisions. This included the Sonoma-Gerlach Management Framework Plan (MFP) which was approved by the State Director in 1982. A summary of these decisions was reported in the August 1982 Record of Decision for the Final Sonoma-Gerlach Grazing Environmental Impact Statement.

The Bureau has decided to adopt an integrated plan using components of both the Proposed Action and Livestock Reduction/Maximizing Wild Horses and Burros Alternatives. Adjustments in grazing use will be based upon rangeland monitoring and/or agreements. Priorities for implementation of intensive management by allotment will be accomplished through the selective management approach, as specified in the Final Grazing Management Policy (Washington Office Instruction Memorandum No. 82-292).

The Rangeland Program Summary (RPS) dated October 14, 1983, was designed to inform interested persons about the implementation of the rangeland management program, as set forth in the planning decisions of the 1982 Sonoma-Gerlach Management Framework Plan. To make the RPS an effective management tool it is necessary to update the RPS to include the progress made since October of 1983.

This document addresses the changes in the grazing management program, wild horse and burro program and wildlife programs, as well as progress made toward meeting land use plan objectives that have occurred since the RPS was issued.

# Objectives of the Program

The long-range objectives of the grazing management program have not changed since the RPS was originally issued. The objectives as stated in the RPS are to manage, maintain, and improve the rangeland conditions on the public lands through the following:

- a. Improve and maintain a sufficient quantity, quality, and diversity of habitat and forage for livestock, wildlife, wild horses and burros on a sustained yield basis through natural regeneration and/or artificial methods.
- improve the vegetation resource by considering the physiological needs of key management species in the development of activity plans,
- c. reduce soil erosion and enhance watershed values by increasing ground cover and litter,
- d. improve the health and productivity of wild horses and burros by maintaining a natural ecological balance of wild horses and burros on public lands, and
- e. improve and maintain the condition of the riparian and stream habitat.

## Management Implementation

The implementation of the rangeland management program will take place through monitoring and/or agreements. In coordination with the Lovelock CRMP group an agreement to monitor the Goldbanks Allotment has been initiated and the monitoring is proceeding on schedule.

A decision to monitor has been issued for the Blue Wing/Seven Troughs Allotments. The monitoring of these two allotments is proceeding on schedule.

Monitoring has been initiated on the Buffalo Hills and Calico Allotments in coordination with the Gerlach CRMP group.

Within the Sonoma-Gerlach Resource Area interdisciplinary monitoring has been initiated on 1,482,036 acres of public land. All monitoring using this approach involves soils, watershed, range, wildlife, and wild horse management disciplines. Less intensive monitoring has been initiated in the resource area on lower priority allotments.

# Priorities for Implementation

The selective management approach is being used to implement the rangeland management program. Selective management classifies grazing allotments into three categories: "M" (Maintain), "I" (Intensive), or "C" (Custodial).

All allotments were grouped into these categories according to their management needs, potential for improvement, and Bureau funding/manpower constraints following consultation with interested groups and individuals through the CRMP process.

"I" category allotments will receive the highest priority for development of intensive grazing management through the consultation and coordination process. "M" category allotments will receive second priority, while "C" category allotments will be third priority. Refer to Table I for a list of allotments by category and allotment priority.

The categorization of the allotments has remained consistent with what was published in the RPS. The major emphasis has been on lower I priority allotments. This is in direct response to public interest manifested through the CRMP process, as a result of this public involvement the management on the ground has been concentrated on the Buffalo Hills and Blue Wing-Seven Troughs Allotments. However, current and future implementation efforts will concentrate on the priority I allotments.

#### Implementation of Grazing Use Adjustments

Grazing use adjustments where needed will be implemented either through agreements with permittees or through decisions based upon monitoring evaluations. On allotments with inconclusive monitoring data and/or without an agreement for grazing use stocking levels, the following base herbivore grazing levels will be used as a starting point for monitoring purposes:

Livestock

- Active preference or negotiated adjustments,

Wildlife

- Reasonable numbers as established by BLM and the Nevada Department of Wildlife, and

Wild Horses and Burros - Existing/current WH&B numbers (as of July 1, 1982) except where one of the following conditions exist.

- a. Numbers are established by adequate and supportable resource data,
- b. numbers are established through the CRMP process as documented in CRMP recommendations and agreed to by the District Manager,
- numbers are established by formal signed agreement between affected interests,
- d. numbers are established through previously developed interim capture/ management plans; plans are still supportable by parties consulted in the original plan; EAs (EARs) were prepared and are still valid, or
- e. numbers are established by court order.

Grazing use adjustments on all I and M allotments in the Sonoma-Gerlach Resource Area will be implemented through one of the following three methods by September 30, 1988. For those allotments where adequate monitoring indicated no change is in order, a no change decision may be issued and/or the files documented.

## a. Agreements to Make Adjustments

Where grazing use agreements have been negotiated, no decision will be issued. All agreements must document initial stocking levels, periods-of-use, regular nonuse to be taken, length of time and the agreement is in effect, overall management objectives, the monitoring data to be collected, monitoring procedures, evaluations, and the resulting management actions to be taken. These agreements will be based upon the best available data, but will not preclude the future establishment of intensive grazing systems, use adjustments or other management practices that may be necessary for proper management of the rangeland resources. Adjustments based upon additional monitoring data gathered will be implemented by a decision or through agreements that will initiate the five-year implementation period.

# b. Agreement or Decision to Continue Monitor

A decision may also be issued to continue to monitor if, by the 5th year, monitoring studies are inconclusive (i.e. the analysis of best available data indicates that no change is in order at this time and we will continue to monitor). The stocking levels will remain at the base herbivore grazing levels established by the land use plan, until data indicates that a change is in order.

Adjustments to grazing use based upon the additional data gathered shall be implemented through an agreement or by a decision that will "start the clock" on the five-year implementation period.

# c. Decisions to Make Adjustments

Where monitoring data exists to support grazing use adjustments and an agreement cannot be reached, a decision will be issued to "start the clock" on the five-year implementation period. These adjustments in grazing use may include but are not limited to season-of-use, period-of-use, animal numbers, kind/class of grazing animals, or a combination of these.

# Progress of Program Implementation

The following Table II summarizes progress made towards program implementation of the land use plan (Management Framework Plan). Specifically, the table illustrates the progress made in developing management plans through a coordinated management approach in resolving resource conflicts and accomplishing planned objectives. Existing use by allotment for livestock, wildlife, wild horses and burros is compared to planned management objectives and the necessary range improvements and monitoring scheme to determine effectiveness in accomplishing these objectives. Completed monitoring actions and range improvements accomplished since the last RPS are shown to depict progress of on-the-ground management implementation.

## Actions Taken Since Last RPS

As a result of the Lovelock CRMP group's recommendations, levels of use have been agreed upon in the Blue Wing/Seven Troughs Allotments.

- 1. An Order 3 Soil Survey has been completed on twenty-seven (27) allotments.
- 2. Ecological Status Inventory has been completed on fifteen (15) allotments.
- 3. Utilization patterns completed on eight (8) allotments.
- 4. Fourteen (14) trend studies, twelve (12) utilization studies and nine (9) stream surveys have been initiated.
- 5. Monitoring has been initiated on all I and M allotments.
- 6. 2,650 acres have been seeded and 16.5 miles of fence built for fire rehabilitation.
- 7. 75 miles of fence, 7 cattleguards and 65 game guzzlers have been constructed for range improvements.
- 8. Plans that have been completed: three CRMPs, one AMP, six HMPs, one Monitoring Plan and one ACEC.
- 9. Livestock decrease in AUMs: 4,228 AUMs temporarily suspended

- 10. Horses removed 6,041.
- 11. Wildlife increase in existing use:
   Deer 2,368 AUMs
   Antelope 59 AUMs
   Bighorn Sheep 266 AUMs

Appropriate Management Levels AML have been set for wild horses/burros at 1,020 animals in the Blue Wing/Seven Troughs Allotments.

A grazing system and areas of use have been agreed upon by the effected interest in the Blue Wing/Seven Troughs Allotments.

# Rangeland Monitoring

Additional monitoring has become necessary to analyze the effects of rangeland fires on several areas within the resource area. Because of the unusually extreme fire season in 1985 this has increased the number of areas that require monitoring. Monitoring has been initiated on all fire areas that were closed to grazing for rehabilitation purposes.

Table I Sonoma-Gerlach Resource Area Selective Management Categorization  $\frac{1}{2}$ 

Priority	Allotment Name	Categorization	Benefit/Cost Analysis
1	Soldier Meadows	I	.2/1
2	Buffalo Hills	I	.8/1
3	Calico	I	.8/1
4	Rodeo Creek	I	.6/1
5	Blue Wing	I	1/1
6	Seven Troughs	I	1/1
7	Clear Creek	I	.4/1
8	Dolly Hayden	I	.4/1
1	Sonoma	м	
2	Rock Creek	M	
3	Melody	M	
4	Harmony	M	
5	Goldbanks	M	.6/1
6	Coyote	M	
7	Rye Patch	M	
8	Leadville	M	
9	Coal Canyon-Poker	M	
1	Pleasant Valley	C	
2	Star Peak	C	
3	Majuba	C	
4	Pumpernickel	C	
5	Desert Queen	C	
6	White Horse	C	
7	Klondike	C	
8	Rochester	C	
9	Rawhide	C	
10	Diamond S	C	
11	Thomas Creek	С	
12	Prince Royal	C	
13	Pole Canyon	C	
14	Ragged Top	C	
15	Humboldt House	С	
16	Humboldt Sink	C	
	Buffalo Valley (Battle Mountain)	M	
	North Buffalo (Battle Mountain)	С	
	Licking (Battle Mountain)	C	
	Jersey Valley (Carson City		
	Cottonwood (Carson City)	C	

<sup>1</sup>/ Implementation of the Rangeland Management Program for allotments located within the Winnemucca District but administered by other BLM districts will be based upon their (the administering district) established priority.

Table II
Progress of Progrem Implementation Sonoma-Gerlach Resource Area

The state of the s			LIVESTOCK			DLIFE	-	ALLO HORSEZ WAD BOLKOZ	Identified		PAT	GE TREFFIN	ERENT PRO	JEETS	
Kind of Allotment/Operator Plan	Selective Henagement Category	Stocking Level 1/ (AUMs)	Management Objectives and 1/ Program Implementation Method	Deer	Antelope Bighorn Sheep		Use (AUMs)	Hanagement Objectives and 1/ Program Implementation Nathod	Monitoring Plan Components	Completed Monitoring Actions	PL	HHED 2/	COM	PLETED Type	Program Implementation Prograss
I. Current Planning Efforts				-											
This section of the table address allotteents where specific manage have been developed or are now of development. The "i" allottee are those where the BLM will conjubit funds, supplemented with contributions in an effort to conscessary range laprovements regiments and planeaut the management plans.	ment plans in the process ints listed icentrate private mplete the juiced to						•		*						
AMP Buffalo Hills/ A. Jackson,	1	11,920	Improve range condition and for- age availability to sustain 11,920	6,280	630 108	Provide rangeland habitat	1983	Manage rangeland habitat to provide 6,660 AUMs of forage for	1. Trand 2. Actual use	1. Habitat evalua- tion completed in	26,623 acres	plow &	٥	0	Cathered 400 wild horses to approach AMLs in 1986.
G. Selet		cated:	AUMs for livestock grazing. Davelopment and approval of the Coordinated Resource Management	7,000	640 120	demand as follows: Dear 6,294 AUMs Antelope 1,016 AUMs	(1,188 horses) 1987	555 wild horse. Establish a herd monitoring system.	3. Climate 4. Range utiliza- tion	3 wildlife use One wildlife utilization study	2,608 acres	reseed		•	CRMP dropped in draft. AMP in final draft 8/87.
		11,112	Plan (CRMP) including monitoring plan through the Buffalo Hills CRMP committee.			Bighorn Sheep 1,142 AUHs Limit new trail or road con- struction on potential sheep	(1,294 horses)		5. Order 3 Soll Surveys 6. Ecological Status	implemented. 2. Key management. areas selected	3,269 acres	****		0	
			Manage livestock grazing to increase 434 acres to excellent 16,722 acres to good, and 14,853			range to minimize access.  The primary management ob- jective on 7,600 acres is to			Inventory 7. Use Patterns	with acological condition.	25 miles	fence	0	0	
			consider increasing existing for-			provide wildlife habitat for mule deer.				total allotment. 4. Use Patterns total allotment.	1 each	cattle-		0	
7			age by artificial methods wherever appropriate and feasible. Davelop AMP and combine Calico Allotment to grazing system.			The prisary management ob- jective on all or portions of 33 sections is to provide crucial vicilira hebitat for highers sheep. Limit off- road only vicilirate for the class (for gry) to key 311 in highers sheep use areas.  Maintain and improve habitat for the California bighors sheep. Develop a Habitat Management Plan through coordinated planning, MMP to be completed during \$700.				5. Order V Soil Surveys, 6. Horse Cansus, 7. Stream Survey()		guard			
HP Calico/A. F. Jackson	to it to	2,684	Improve range condition and for-	1963		Manage rangeland habitat to	1983	Namege rangeland habitat to provide 504 AUMs of forage for	1. Trend 2. Actual use	1. Key management areas selected with	0	0	0	•	Cothered 100 wild horses to
			Aug availability to sustain 2.584	1967 88	22 0 25 0	provide for wildlife demand as follows: Deer 46 AUMs Antelope 46 AUMs Bighors Sheep 86 AUMs (If reastablishment occurs) Evaluate reastablishment for bighors sheep.  Davelop MMP.	(104 horses) 1997 7,522 (119 horses)	provide boo ANNE of Torage for 42 wild horses. Establish a herd monitoring system.	2. Actual use 3. Clinate 4. Utilization 5. Order J Set Surveys 6. Ecological Status 7. Use Patterns	ocological condi- tion. 2. One wildlife meadow study im- plemented. 3. Utilization total allotment. 4. Use Pattern total allotment. 5. Trend. 6. Norse Census.					EMP dropped in draft. AMP in final draft 8/87.

Kind	Zelective	INTEGAL	LIVESTOCK	Eye	seing use	(AUNE)	OR		ALEA HONZEZ WWD BONKOZ	Identified Monitoring	Completed	W.A	ANNED 2/	EMERI PRO	JECTS PLETED	Program
of Allotment/Operator Plan	Management Category	Stocking Level 1/ (AUMs)	Management Objectives end 1/ Program Implementation Method	Dear	Antelope	Bighorn Sheep	Management Objectives and 1/ Program Implementation Nathod	Use (AUMs)	Management Objectives and 1/ Program Implementation Nathod	Plan Components	Monitoring Actions	Units	_	Units		Program Implementation Programs
Camp Blue Wing/ ANY C-Punch Corporation, NHAP Mesley Cook  COO		24,129 21,460 2,469	Improve range condition and for- age availability to sustain 24,329 AURs for livestock grazing. Approval of CRMP including moni- toring plan through the Lovelock CRMP committee. Manage livestock grazing to increase 107,365 acres from your increase 107,365 acres from your form you have been acres from good to excellent acological condition. Consider increasing existing for- age by artificial exchads wherever appropriate and feasible. Develop CRMP. Bavelop AMP.	1987 1,249	0	0	Manage rangeland babitat to provide for wildlife deaand as follows:  Deer 701 AUMS Antelope 49 AUMS Bighorn Sheep 106 AUMS (If resitablishment accurs) Grant Sheep 106 AUMS Davalop HMP through coordinated planning during FV87.	1983 TT, 220 (935 h94) 1987 (2,023 h0rses)	Manage rangeland habitat to provide 8,850 AUNs of forage for your checkenboard land. Senove all wild horses/burros from checkerboard land is accordance with MFF III decision. Perpetute the aristing population of spotted and pinte burros. Perpetute the aristing population of spotted and pinte burros.  1. Haintain or improve the rangeland acclogical status within the HHM utilizing the criteria and timeframes within the burros throughout the HHM, upossible to yield a batter of tribution of animals utilizing the habitat, therefore reduction concentrated or eversus of a business within the AHM of 67 horses and 143 burros.  2. Establish forage use laws to the concentrated or eversus of the AHM, of 67 horses and 143 burros.  2. Establish forage use laws to the concentrated or eversus of the AHM, of 67 horses and 143 burros.  2. Establish forage use laws to the concentrated or the state of the wild burro population to faculate using the spotted and pinto burros with the AHM, of 7 horses and perpetute of the wild burro population to faculate caulates. These parameter mortality and rate of forces.  4. Determine the distary preof wild horses/burros within HMM.  7. Determine distarty pare of wild horse/burro population in the HMM.	nere ita- ne	Key management.  Torder 3 Soll  Surveys.  E. Ecological Status 605 complete.  J. Use Pattern total allotment for grazing cycle total allotment for status for complete in a utilative service of the status for completed in 3 utilative use areas.  E. Reperces status for complete in 3 utilative use areas.  E. Reperces status for complete in 3 utilative use areas.  E. Reperces status for a status in a st	2 each 13 each 15 each 16 each 10,240 acres	ches. control	0 0	o cattle-guard 6	system within the CRMP area. Gathered 1,422 wild hereal/ burre to approach ANIA: In 1986 HAMP completed (FF02). HAMP completed (FF02). For the Cook from Rodeo Creek Allottanet (1986) due to allot- ment boundary change. CRMP completed (FF08).
CRMP Seven Troughs/ AMP C-Purch Corporation, Dutureren Shaep Co., Delong Ranches, Inc. Tim Delong		9,623 4,404 7,62 3,627 7,46	Improve ranga condition and for- age evaliability to sustain 9,523 Approval of CRM Including soni- toring plan through the Lovelock CRMP committee. Consider increasing existing for- age by artificial methods wherever appropriate and feasible. Develog CRMP. Hanaga livestock grazing to in- crease 20,313 acres from poor and fair to good, and 827 acres from good to accellent ecological condi- tion.	1963 1967 1967 1971	1	•	Henage rangeland habitat to provide for wildlife demand as factors.  45 AUNA Antelope 26 AUNA Develop HMF through Coordinated planning during FV87.	1903 T17736 (978 horses) 1907 (613 horses)	provide 3,360 AUNs of forage for 208 wild horse/burro on the non-	phic rea/ d uill tty, reaceo	1. Key management areas completed. 2. Trend & utilization established. 3. Utilization of the confer a Soil Surveys. 5. Ecological Status. 6. Use Fattorn total allatement (one grazie manual) 7. Norse Centus.	2 each 3 each 6 miles 8 each	elec. fence spring well pipaline cattle-	0 8 ea 0 0	fence  0  0  0  cattle-guards  0  chucker guzzlers	Complete AMP and initiate deferred retation grating system within the CRMP area. Sathered 891 wild herees/bets to approach AML in 1915.  CRMP complete (FY86).

			INTETAL	LIVESTOCK			AILD	.IPE		MIED HONZEZ AND BOKKOZ	Identified			ILE IMPROV			
Eind of Plan	Allotment/Operator	Selective Management Category	Stocking Level 1/	Management Objectives and 1/ Program Implementation Method	DESP	YUKS 1998	Sheep	Management Objectives and 1/ Program Implementation Mathod	Use (AUMs)	Management Objectives and 1/ Program implementation Method	Monitoring Plan Components	Completed Monitoring Actions	Valts	Type	Units	Type	Program Implementation Prograss
АНР	Sonome/ Piquet Ranches, Inc.	A STATE OF THE STA	1,610	Provide forage to sustain 1,510 AUMs for livestock grazing and fair to good on 1,310 acres, from good to saccellent on 30 acres. Combine with Rock Creek Allotment and consider as one allotment. Review and wydate APP. Consider lincreasing existing for- age by et fricial methods wherever appropriate and familia.	1983 39 1987 52	•	0	Hansge rangeland habitat to provide for wildlife demand to the partial form of the par	1983 733 (75 horses) 1987	Resous all wild horses from Chechberd land in scordance with MFF III decision Ho horses or burros.	1. Trend 2. Actual use 3. Climate 4. Utilization 5. Use Pattern 6. Order 3 5ail Surveys 7. Ecological Status Inventory	1. Aquotic Studies (4) 2. Trend (1) 3. Utilization (1) 4. Order 3 Soil Surveys 5. Horse Census	6,226	plow & acres	••••	•	Gathered 50 wild horses to reach AML in 1986. Sonome Creek HMP completed during FYSS.
AHP	Rock Creek/ Plquet Renches, Inc.		2,192	Provide foreign to sustain 2,192 Auds for livestock grazing and improve acclegical Condition from fair to good on 1,784 acres, from good to excellent on 379 acres. Combine with Sonome Allotment and consider as one allotment. Consider increasing existing foreign by artificial methods where the condition of the c	1983 38 1987 51	•	•	Provide rangaland habitat for reasonable wildlife demar as fellows: 134 AUMs Bighors Sheep 43 AUMs (if restablishment occurs) Evaluate the restablishment of bighorn sheep. Develop as NUP through coor- deed planning for Reck	1963 625 (52 borsés) 1967	Ramove all wild horses from checkground land in accordance with MPF II decision. He horses or burrate.	1. Trand 2. Actual use 3. Cliente 4. Utilization 6. Use Pattern 6. Order 1 Seil Surveys 7. Ecological Status Inventory	1. Trend 2. Order 3 Soll Surveys 3. Norse Cansus	1,264 acres 1,474 acres	plow & seed seeding		•	Sathered 101 wild horses t resch AML in 1986.
CRMP	Goldbanks/ Roaring Springs, N. J. and J. F. Burks		2,061 160 1,891	Provide forege to sustain 2,051 ANHS for livestock grazing and improve ecological condition from fair to good on 4,100 kores, from good on 4,100 kores, from good on 4,100 kores, from Bayles and update AMP through the Lovelock CRNP. Consider increasing existing for- age by artificial methods wherever appropriate and feasible.	1983 114 1987 152		0	Provide ranguland habitat for reasonable wildlife demand as follows: Deer 22 AUMS (if reastablishment occurs) Evaluate the reastablishment of bighorn sheep.	1963 40 (3 horses) 1967	No horses or burros.	1. Irand 2. Acutal use 3. Claste 4. Bitlization 5. Use Pattern 5. Use Pattern 5. Surveys 7. Cological Status laventory	Key management area selection. Alloteent Hosi- toring Plan com- plet transport (4) MMAR 2. Utilitation (11) R 4. Order 3 Soil Surveys 5. Use Pattern 5. Ecological Statu	6,639 scres 1 1/2 miles 4 each 1 each		•		AMP updated to current Bursus standards. Nonitoring Fies completed. CRAP Fies completed. All herses removed in 1986
ints solutions in a solution i	riority Planning Efforts action of the table address meta that have a high prio penet of intensive grazing aftering plans. Futura am for allottend sengement plan	phasis in ans will be															
resour	os these allotwents within	a the	16,070	Improve range condition and for- age svalubility to sustain 16,070 AUMs for livestock grazing. Hange livestock grazing to increase 2,950 acres to escellent, 11,913 acres to good, and 9,463 acres from poor to fair ecological condition. Consider increasing estating for- age by artificial methods wherever appropriate and feasible.	1983 747 1987 1,076	214 220	•	Provide rangeland hebitat for reatonable wildlife demand as fellows:  Deer 766 AUNG Antelope 429 AUNG Bighorn Sheep 424 AUNG (If reatablishment occurs) Evaluate the reatablishment of highorn sheep. Besignate JOZ acres sur- rounding the het springs neer rounding the het springs Acceptable Acquire by acchange or ather neant those private land that contain high resource reluses within the Laboutan Cutthrout Frout Ratural Area. Haintain and improve habitat for Laboutan cutthrout trout.  Dawalop HMF on terrostrial	horses) 1987	Manage rengoland habitat to provide 10,140 AMMs of forage for 536 with horses and 16 Establish a berd confloring system.	3, Climate 4, Utilization 5, Order 1 Soil Surveys 6, Ecological Statuo Inventory 7, Use Pattern	1. Key management eras selection and range study imple- mentation completed on some sites. 2. One meaded study and one mahagany study implemented. 3. One wildlife use area evaluated. 4. Utilization portions of allot- ment. 5. Use Pattern portions of allot- ment. 6. Stream Survey 7. Horse Census	4 each	fence cattle- querd plow & seed		o cattle- guard o	Gathered 678 wild herses to approach AHL in 1884. 307 acres surrounding the hot springs near Soldier Headows ranch was designated as an ACCE during FF84. HWP on desert date complete during FF84. Completed stream HMPs for
Gan- eral Land Use Plan	Bolly Maydon/ Connecticut Gameral	1 1,664		Provide forage to sustein 3,336 AURS for livestock grazing and to fair to good on 7,261 acres, from good to excellent on 467 acres. Consider increasing existing for- age by artificial acthods wherever appropriate and feasible. Develop AMP.	1983 84 1987 172	0	0	Hanege rangeland habitat to provide for wildlife denand as the second of	1983 573 (47 horses) 1987	Remove all wild horses from checkerboard land in accordance with MFF III decision, de horses or burras.	1. Trand 2. Actual use 3. Climate 4. Utilization 5. Order 3 Sofi Surveys 6. Ecological Status Inventory 7. Use Patters	Surveys 2. Ecological Status 3. Horse Census	2,102 acres 960 acres 6 miles	plow &	•	0	Gathered 60 wild horses to reach ANL in 1984. The production concellation for speciation visitors. 105 tamperary cancellation from requisition visitors. Agreement to rest for 3 years starting FIS7 with a 505 reduction in initial stock rate.

Table II Progress of Program Implementation Sonoma-Gerlach Resource Area

				LIVESTOCK			ALLD	.ire		MIED HORSES AND BURROS	Identified		- KAI	GE TAPROT	MENT PROJECTS	
of Plan	Allutment/Operator	Salective Management Category	Stocking Level 1/ (AUMs)	Hanagement Objectives and 1/ Program Implementation Method	Dear	Antelope	(AUMS) Bighorn Sheep	Management Objectives and 1/ Program Implementation Method	Use (AUMs)	Management Objectives and 1/ Program Implementation Method	Monitoring Plan Components	Completed Monitoring Actions	PLA	Type	COMPLETED Units Type	Program Implementation Prograss
	Rodeo Creek/ W. J. Ceresola Estate	I	6,462	Improve range condition and forage availability to sustain 6.462 AUMs of livestock grazing. Manage livestock grazing to increase 13.614 acres from poor and	1983 175 1987 158	68 76	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 177 AUMs Antelope 137 AUMs	1983 4,464 1987 5,892	Manage rangeland habitat to provide forage for 4,020 AUMs of Wild horse/burro use. Establish a herd monitoring system.	6. Use Pattern	2. Partial Trend 3. Utilization	30	brush control & seed fence		Eathered 346 wild herses to approach AML in 1986.
				fair to good, and 39 acres from good to excellent ecological				Bighorn Sheep 160 AUMs (if reestablishment occurs)			6. Order 3 Soll	initiated.	miles			
				condition.  Consider increasing existing for- age by artificial methods wherever appropriate and feasible.  Develop AMP.				Evaluate the reestablishment of bighorn sheep.			7. Ecological Status Inventory		4 each	well trough		
erel	Clear Greek/ Genecticut General Rearing Springs Associate		3) 2,637 2,667 370	Provide forage to sustain 2,837 AWMs for livestock grazing and improve acclogical condition from fair to good on 6,417 acres, from good to accellent on 166 acres. Consider increasing existing for- age by artificial methods wherever appropriate and feasible. Develop AMP.	1963 50 1967 56	•	0	Hansge rengeland habitat to provide for wildlife demand see to the seed of the	1963 120 (10 horses) 1967	Remove all wild horses from checkerboard land is accordance with MFP III decision. No horses or burres.	1. Trend 2. Actual use 3. Climate 4. Utilization 5. Order 3 Sell Surveys 4. Ecological Status Inventory 7. Use Pattern 8. Aquatic habitat	1. Order 3 Soil Surveys. 2. Ecological Statu Invantory. 3. Utilization (2) 4. Trend (1) 6. Stream Survey 6. Horse cansus	10,664 acres 3 7 miles 1 each	plow & seed fence cattle-guard	0 0 0 0 0 0 1300 scres seede	Gathered 16 wild horses to reach AML in 1964. 105 permenent cancellation from regulation violations. 105 temporary cascillation from regulation violations. Agreement to rest for 3 dy years starting in 1967 with 0 505 reduction in instial stock rate. 335 livestock AMMs suspende due to fire (1965).
111. F	uture Planning Efforts								1 -							
that he for day include practic changes manages	nction of the table addressive lower priority within the lower priority within the lower priority within the lower priority within the lower priority was a large maccasary. Monitority each plans or changes in a lass intensive. Complete ments to language these plans appleament these liquid private contribut	n the resource ement plans, current manage where only mi- ng plans and n urrent managem	area This ment nor tw						ĺ							
AHP	Helody/ John Altken	н	1,020	Provide forage to sustain 1,020 AUMs for livestock grazing. Consider increasing existing forage by artificial methods wherever appropriate and feasible. Review and update AMP.	0	•	0		1983	No horses er burres.	1. Trend 2. Actual use 3. Climate 4. Utilization 6. Order 3 Soil Surv. 6. Ecological Status	1. Order 3 Sell Surveys 2. Usa Patterns Dys			0 0	
10											7. Use patterns					
ng P	darmony/ edrolf Estate John Afsken			Provide forage to sustain 348 AURs for livestock grazing and to improve acological condition from poor to fair on 123 acres, from poor to saccillent on 102 acres. Consider increasing a sixting for- age by artificial methods wherever appropriate and feasible.	1983 27 1987 36	6	•	Manago rangaland habitat to provide for wildlife desend as Service 95 AUMs Septor Sheep 7 AUMs (if resitablishment occurs) Evaluate the resitablishment of bighora sheep.	1983 (11 horses) 1987	Remove all wild borses from checkerboard land in accordance with NFP III decision.	1. Actual use 2. Climate 3. Utilization 4. Order 3 Soil Survo 5. Ecological Status Inventory 6. Use Pattern	Surveys 2. Morse Consus	3,114 ecres	plow &	• •	Cathered 70 wild borses to reach AML in 1984.
				Update grazing system.												
	Cayate/ Daine Western Co. Wes Coak		3,061 2,734 317	Improve range condition and for- age availability to sustain 3,051 AUNs for livestock grazing. Approval of CRMP including moni- toring plan by Suffalo Hills CRMP	1983 1987 50	243 262	0	Manage rangeland habitat to provide for wildlife demand as follows: Deer 35 AUMS Antelope 411 AUMS	1963 1987 192	No horses or burres.	1. Trend 2. Actual use 3. Climate 4. Utilization 6. Order 3 Soil		4,204 acres	dage- brush control A seed	• •	CAMP dropped to Braft.
				committee.  Hange livestock grazing to increase 4,725 acres from poor and fair to good, and 308 acres from good to saceilant ecological condition.  Increasing existing for- age by artificial methods wherever appropriate and feasible.  Review and update AMP.				Highors Sheep 7 AUNS (if restablishest occurs) Evaluate the restablishest of bighors sheep. Complete HMF through coor- dinated planning during f189.			Surveys 6. Use Pottern 7. Ecological Status Inventory	study inclementation				
1	Rye Patch/ RJB Davelopment Co. Star Sheep Co.		1,981 1,816 166	Provide forage to sustain 1,981 AURs for livestock grazing and improve ecological condition from fair to good on 4,098 acres, and from good to sxcellent on 273 acres. Review and update AMP.	1983 51 1987 81	6	6	Manage rangeland habitat to provide for wildlife denand as follows: Deer 66 AUHs Sighors Sneep 24 AUHs (17 reastablishment occurs) Evaluate the reastablishment of highors sheep.	1983 986 (82 horses) 1987 76 (8 horse	Remove all wild horses from checkerboard land to occardence with MFP III decision.	Surveys S. Ecological Status	1. Order 3 Soil Surveys 2. Ecological Status (Partial) 3. Horse Census Selection of key management areas completed on some				Sathered 90 wild horses in 1986 to approach AML.

				LIVESTUCK			WILDU	IN		RIED MONZEZ YND BRNKOZ	Identified		WAT	NGE IMPROV	EMENT PRO	ECIS	
of Plan	Allotment/Operator	Nanagement Category	Stocking Level 1/	Management Objectives and 1/ Program Implementation Hethod	DESP	AATS TOPS	HYGROPA Sheep	Hanagement Objectives and 1/ Program Implementation Hethod	Use (AUHs)	Hanagement Objectives and 1/ Program Implementation	Monitoring Plan Components	Completed Monitoring Actions	Unite	Type	Valts	Type	Program Implementation Programs
AMP	Leadyllis/ Dosan Western Co.	н	2,567	improve range condition and for- age sveilability to sustain 2,667 AUMs of livestock grazing. Hanage livestock grazing to increase 5,711 errs from poor and fair to good, and 437 errs from good to excellent ecological condition. Consider increasing existing for- age by artificial methods wherever appropriate and feasible. Review and update AMP.	1983 178 1987 222	38 43	0	Manage rangeland habitat to provide for wildlife deamnd as follows: Dear 179 AUMs Antelope, 67 AUMs Bighors Sheep 176 AUMs (if resitablishment occurs) Evaluate the restablishment of bighors sheep. Complete NMF through coordinated planning during FT89.	1983 3,340 (279 horses) 1987 4,380 (365 horses)	Manage rangeland habitat to provide 2,976 AUNs of forage for 240 wild horses. Establish a herd monitoring system.	1. Trend 2. Actual Use 3. Climate 4. Utilization 6. Order 3 Soil Surveys 6. Coological Status lavantory 7. Use Patterns	1. Selection of ke management areas completed. 2. Use Pattern completed twice for allotamet. 3. Utilization of key areas done twice. 4. Order 3 Soil Surveys 5. Horse Census	y 6,054 acres	sage- brush control & seed	•	•	Gathered 120 wild borzes in 1985 to approach AML.
АНР	Coel Canyon-Poker/ Star Sheep Co., Abigab Duncan, Blogo Weiner	•	3,144 492 2,568 64	Frowide forage to sustain 3,144 AUMs for livestock grazing and to improve acological condition from poor to fair on 13,082 acrs, from fair to good on 4,213 acre4, and from good to excellent on 117 acres Review and update allowent Consider increasing existing for- age by artificial methods wherever appropriate and feasible.		•	•	Menage rangeland habitat to provide for wildlife deand as follows: 97 AUMs Deer 97 AUMs Antelope 9 AUM Sighore Sheep 31 AUMs (if restablishment accurs) Evaluate the restablishment of bighers sheep.	1983 538 (44 horses) 1987 1982 (16 horses)	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Actual Use 2. Climate 3. Utilization 4. Order 3 Soil Surveys 5. Ecological Status laventory 6. Use Patterns	1. Order 3 Soil Surveys 2. Ecological Status (Partial) 3. Norse Census	1 each 2 each 4,865 acres	trough plow & seed	•	•	Cathered 410 wild barses in 1985 to opproach AML.
AHP	South Buffelo Valley/ 3/ Marvel Brothers (Adeliaired by Battle Mountain District)		9,035	Provide forage to sustain 9,055 AUMs for livestock grazing and improve acological condition from poor to fair on 1,054 exces, from fair to good on 24,617 exres, from good to excellent on 497 exres. Administra as part of the Buffalo Mountain District. Ravise and update AMP as needed through Battle Mountain District.	1983 471 1987 828	0	•	Manage rangeland habitat to provide for wildlife deahed as follows: Deer 318 AUMs Eighers Sheep 35 AUMs (If reastablishment occurs) Evaluate the reastablishment of bighern sheep.	1983 240 (20 horses) 1987 120 (10 horses)	Manage rangeland habitat to provide 216 AUMs of forage for 18 wild horses. Establish a herd monitoring system.	1. Actual Use 2. Climate 3. Utilization 4. Order 3 Soil Surveys 5. Ecological Status laventory 6. Use Patterns	1. Order 3 Soli Surveys 2. Ecological Status 3. Norse Census	•	0	31 mt. 1 1/2 mtles 1,300 mc 3.0 mt.	fence pipe- line seeded* fence*	NHP completed FY86. 90 livestock AUNG suspended due to fire.
Gen- ersi Land Use Plan	Pleasant Yelley/ Peris Bross., John Darrah, Siard Bross., Robert Yesco	•	10,563 5,027 1,355 2,644 1,327	Frowide forage to austain 10,553 AUNE for livestock grazing and increase acological condition from fair to good on 19,998 acres, and from good to excellent on 1,047 acres.	1963 438 1987 582	•	0 134	Manage rangeland habitat to provide for wildiffe deand as as follows: 354 AURs Bajorn Sheep 97 AURs Reestablish bighorn sheep,	1983 205 (1771 horses) 1987 50 (5 horses)	Remove all wild horses from checkerbeard land in accordance with MFP III decision. No horses or burros.	1. Order 3 Soti Surveys 2. Ecological Status Invantory 3. Use Patterns 4. Climate (RAMS) 6. Utilization 6. Actual Use	1. Order 3 Soil Surveys 2. Ecological Status 3. Horse Census	22 mt. 1 each 2 each	fence well trough	o o l asch	e e correl	Sathered 280 wild bersed in 1986 to approach AM Bighers these reestablished.
eral Land Use	Star Pask/ Gene Thacker, Star Sheap Co., Paul Knoop, Unellocated	c	3,722 261 2,426 385 660	Provide forage to sustain 3,722 AUMs for livestock grazing and to increase acological condition from poor to fair on 4,653 acres, from fair to good on 6,728 acres, and from good to accellent on 151 acres, forage by artificial method whenever appropriate and feasible.	1983 536 1987 773	•	•	Hanage rangeland habitat to provide for wildlife denand as follows: 434 AUNG Bighorn Sheep & AUNG Bighorn Sheep & AUNG of bighorn sheep.	1983 T,875 (152 horses) 1987	Remove all wild horses from checkerboard land in eccordance with MFF III decision. No horses or burros.	1. Actual Use 2. Climate 3. Utilization 4. Order 3 Soil Surveys 6. Ecological Status Inventory 6. Use Patterns	1. Order 3 Soff Surveys 2. Norse Census	26 m1. 2 m1. 3 mach 2 mach 4,733 acres			•	Gathered 31 wild horses to reach ARL in 1986. 283 livestock ANNs suspended due to fire.
eral	Najuba/ Lene Buncan Tim Delong	c	1,100	Improve range condition and forage availability to sustain 1,100 AUMs for livestock grazing. Hange livestock grazing to increase 2,817 acres from poor to fair, 16,03 acres from fair to good, 2,214 acres from poor a good, and 603 acres from poor accelent concrete from good to excelent concrete from good to accelent concrete from a good years from good to appropriate and feasible.	1983 	21 25		Provide rangeland habitat for reasonable wildlife demand as follows: 57 AUMS Beer 57 AUMS Asteleps 97 AUMS	1983 1,385 (115 horses) 1987 3,984 (332 horses)	Remove all wild horses from checkerboard land in accordance with NFP III decision. No horses or hurros.	1. Actual Uso 2. Climato 3. Utilization 4. Order 3 Soil Surveys 5. Ecological Status Inventory 6. Use Patterns	1. Order 3 Sell Survays 2. Ecological Status (Partial) 3. Horse Consus	17 ml. 2 each 1 each 2 each		:	•	Sathered 300 wild hersen to reach AML in 1986,
Land	Pumpernickel/ Hugh A. Ipton GAS Cattle Co. Piquet Ranches, Inc. Rearing Springs Associates		9,437 840 582 1,209	Provide forage to sustain 9,437 ANNs for livestock grazing and to improve ecological condition from fair to good on 18,491 acres from good to excellent on 950 acres.	1983 106 1987	0	• .	Manago rangoland habitat to provide for wildlife denand of fellows: 222 AUMs Sighers Sheep 38 AUMs (if restablishment occurs) Evaluate the restablishment of bighors sheep.	(20 horses)	Nanage rangeland habitat to provide 204 AUMs of forage for 17 wild horses. Establish a hord monitoring system.	1. Actual Use 2. Climate 3. Utilization 4. Order 5 Soil Survays 6. Ecological Status Inventory 6. Use Patterns	1. Order 3 Soil Surveys 2. Ecological Status	16 m1.	feace	0 3 miles ( 600 sc. )		92 livestock AUNa suspended due to fire.
Gen- orel Land Uso Plan	Desert Queen/ W. J. Ceresola Estate, Sefford and Sefford	•	3,355 3,277 78	Improve range condition and for- age availability to sustain 3,355 AUMs for livestock grazing. Manage livestock grazing to increase 14,146 acres from poor and fair to good, and 366 screet rose good to excellent acological condi- tion.	0	•	6		1983 (80 horses) 1987 1.656 (122 horses)	Remove all wild horses from checkerhoard land in accordence with MFP III decision. No horses or burros.	1. Actual Use 2. Climate 3. Utilization 4. Order 3 Soil Surveys 5. Ecological Status Inventory 6. Use Potteras	1. One Trend plot 2. Hersé Census	11 m1. 6 mach 12 mach	well	11 m1. 0 0	fence 0 0	

Kind of Plan	Allotment/Operator	Selective Management Category	Stocking Level 1/ (AUMs)	Management Objectives and 1/ Program Implementation Mathod	Deer	Antelope	(AUME) Signorn Sheep	Management Objectives and I/ Program Implementation Nathod		EXTECTED USO (AUMs)	Milu Monse's AND BURNOS  Management Objectives and 1/ Program Implementation Mathed	Nonitoring Plan Components	Completed Monitoring Actions	PLA Units	Type	COMPLETED Units Type	Program Implementation Progress
Gon- eral Land Use Plan	White Horse/ Humboldt Ranches Inc.	C	1970	Provide forage to sustain 1,970 Austs for livestock grazing and to improve acological condition from poor to fair on 1,998 acres, from fair to good on 1,907 acres, from good to excellent on 29 acres. Consider increasing existing forage by artificial methods wherever appropriate and feasible.	1983 43 1987 57	0	•	Manage rangeland habitat to provide for wildlife demand as follows:  Deer 35 AUMA Bighorn sheep 7 AUMA (if reastablishment occurs) Evaluate the reastablishment of bighorn sheep.		1963 107 (8 horse 1987	Remove all wild horses from checkerhoard land in accordance s) with MFF 111 decision. No horses or burros.	1. Trand 2. Actual use 3. Climate 4. Utilization 5. Order 3 Soil Surveys 4. Use Pattarn 7. Ecological Status	1. Order 3 Soil Surveys 2. CSA (1) 3. Horse Census	1,207 acres 3 miles 1 each 2 each	plow & seed fence well trough	0 0 0 0 0 750 acres seede 6 miles fence	Cathered II wild horses in 1986 to reach ANL. 31 livestock AUMs suspended due to fire.
Gen- eral Land Use Plan	Klondika/ Coyota Cresk Ranch	C	2,206	Provide forage to sustain 2,206 AUBs for livestock grazing and to legrove scalinging to the provided to part to 33,724 acres from fair to good on 4,122 acres	1983 70 1987 93	•		Hanne rangeland habitat to provide for wildlife demand as follows: 57 AUMs Bighora shap 10 AUMs (if resitalishment occurs) Evaluate the resitalishment of bighora shapp.		1983 347 (29 horses) 1987	Remove all wild horses from checkerboard land in accordance with MFF III decision. No horses or burres.	1. Actual use 2. Climate 3. Utilization 4. Order 3 Soil Surveys 5. Use Pattern 6. Ecological Status Inventory	l. Order 3 Soil Surveys 2. Ecological Status (Pertial) 3. Horse Census	0 miles 1 each 1 1/2 miles 1 each	fanca cattle- guard pipaline trough		Sathered 129 wild horses in 1986 to reach AML.
Gen- eral Land Use Plan	South Rochester/ Star Sheep Co. Paris Bros., Spring Valley Cattle Co., Don Sins	c	3,964 1,400 400 1,386 778	Provide forage to sustain 3,866 AURs for livestock grazing and famprove ecological condition from poor to fair on 19,747 acres, from fair to good on 6,711 acres, from good to excellent on 557 acres.	1903 58 1907 74		•	Manage rangeland habitat to provide for sildlife deemed as follows: Deer 45 AUMs Sighorn sheep 55 AUMs (if resitablishment occurs) Evaluate the rosatablishment of bighorn sheep. Develop MMP.		1963 3,677 (306 horses) 1967 1,35b (113 horses)	Manage rangeland habitat to provide 432 AUMs of forage for 36 wild horses. Establish a herd monitoring system. Remove all wild horses from checkerboard land in accordance with MFF III decisions.	1. Actual use 2. Order 3 Soil Surveys 3. Use Pattere 4. Ecological Status Inventory	1. Order 3 Soil Surveys 2. Ecological Status (Partial) 3. Horse Census	10 m1 2 each 5 each 2 m11es 12 each 1 each	fence cattle- guerd well pipelin- trough spring dev.		Cathorad 129 wild horses from checkerbeard leads in 1985 to reach AML in the Numboldt Range NA.
Gen- eral Land Use Plan	Rawhide/ Spring Valley Cattle Co., John Darrah, Paris Bros.	C	2,721 2,139 220 362	Provide forage to sustain 2,721 AUMs for livestock grazing and taprove ecological condition from poor to fair on 13,43 errs. From fair to good on 1,739 errs. and from good to excellent on 392 acres.	1963 104 1967 138	•	0 120	Henege rangeland habitat to provide for alidific demand as for service.  A provide for alidific demand as forces.  A place of Auna Sighorn Sheep 4 Auna (if reastablishment occurs) Evaluat the reastablishmeng of bighorn sheep.		1963 3,224 (286 horses) 1987 624 (52 horses)	Remove all wild horses from checkerboard land to accordance with MFP III decisions. No horses or burros.	1. Actual use 2. Climata 3. Utilization 4. Order 3 Soil Surveys 5. Use Pattern 6. Ecological Status Inventory	1. Order 3 Soil Surveys 2. Ecological Status (Partial) 3. Horse Cessus	II miles 2 each	fence cattle guard		Esthered 52 wild horses in 1986 to reach AML. Bighern sheep relatroduced.
;	1 3																
					*			,									
eral	Dismond S/ Navada First Lease to Jack Fulenwider	c	1,168	Frovide forege to sustain 1, 158 AUMs for livestock grazing and increase 1, 177 acres from fair to good, and 37 acres from good to excellent ecological condition, age by artificial methods wherever appropriate and feasible.	1983 36 1987 48	0	•	Namege rangeland habitat to provide for wildlife deeand. as follows: 120 AUMs Deer 120 AUMs (if received habe) 36 AUMs (if received habitation) of bighorn sheep.	}	1963 1,34b (112 horses) 1967	Remove all wild hereed from checkerboard land is accordance with MF III decision. No horses or burros.	1. Actual use 2. Climate 3. Utilization 4. Order 3 Soil Surveys 5. Das Patters 6. Ecological Status laventory	1. Order 3 Soll Surveys 2. Ecological Status 3. Morsa Consus	1,920 ecres 3,036 6 m1.	plow & seed reseed fence		Cathered 140 wild horses in 1986 to reach AML,
Gen- oral Land Use Plan	Thomas Creat/ Ether Mestmoreland, Garlay Amot, Salph and Julia Aithen		629 97 264 268	Provide forage to sustain 629 AUMs for livestock grazing and fear to decide a condition of a fear to decide a condition of a fear to decide a condition of a from good to excellent on 21 acres. Consider increasing existing for- age by artificial actions wherever appropriate and feasible.	1983 25 1967 33	•	6	Manage rangeland hebitat to provide for ulidifie deannd as fellows: 90 AUMs Sighora Sheap 36 AUMs (if reastablisheant occurs) Evaluate the reastablishment of bighora sheap.		1963 1,185 (99 horses) 1967	Remove all wild horses from checkerboard lead to accordance with MFP III decision. He horses or burres.	1. Trend 2. Actual use 3. Climate 4. Utilization 5. Order 3 Soft Surveys 6. Ecological Status Inventory 7. Use Patterns	1. Order 3 Sett Surveys 2. CSA (2) 3. Horse Consus	1,280 acres	seed	0 0 5,5 ml. feace*	Gathored 33 wild horses to 1986 to reach ANL. 184 Tevestock ANNs suspended due to fire.
erel	Prince Royal/ Star Sheep Co., John Thacker	c	163 97 66	Provide forage to sustain 153 AUMs for livestock grazing and to improve ecological condition from fair to good on 1,287 acres. Consider increasing existing for- age by artificial methods wharever appropriate and featible.	1983 58 1987 77	•	•	Manage rangeland bebitst to provide for wildlife demand as follows: Deer 47 AUMs Sighorn shamp 13 AUMs (if resetablishment occurs) of bighorn shamp.	,	1903 400 (33 horses) 1907	Remove all wild horses from checkerboard land in accordance with MFP III decisions. He horses or burres.	1. Actual use 2. Climate 3. Order 3 Soil Surveys 4. Ecological Status Inventory	1. Order 3 Soil Surveys 2. Norse Census	2,491 acres	plaw &		Sathered 66 wild horses in 1985 to reach AML.
Gen- eral Lond Use Plan	Polo Canyon/ Fairfax Estate	c	540	Provide forage to sustain 540 AUMs for livestock grazing, Manage livestock grazing to Increase 1,526 acres from poor to fair and 976 acres from fair to good ecological condition.	1983 14 1987 12	:		Provido rangeland habitat for reasonable wildlife demand as follows:  Deer IS AUMS Antelopa 7 AUMS Bighorn shamp 37 AUMS (if reestablishment occurs) Iceluste that reastablishment of highern shamp.		1983 1,332 (111 horses) 1987 686 (57 horses)	Menage rangeland hebitat to pravide 1,200 AUMs of forage for 100 wild berger Establish a herd conttering Stablish a herd contering system.	1. Actual use 2. Climate 3. Order 3 Soll Surveys 6. Ecological Status Inventory	I. Selection of key management areas have been complet- ed. 2. Preliminary range study imple- mentation complet- ed on some sites. 3. Horse Census	l each 2 ml.	fence well pipeline troughs spring	0 0	Cathered 133 wild herees in 1986 to reach AML.
oral	Ragged Top/ Star Sheep Company John Espil	c	Ex- change- of-usa	Provide forage to sustein existing authorized levels of livestock grazing. Heade livestock grezing to manage 6,516 acres from poor to fair to good, and \$17 acres from good to excellent acological condition.	1983 1987 278		6	Hanage rangeland bebitst to provide for wildlife demand as follows: 72 AUMs		1983 1,550 (130 horses) 1987 60 (5 horses)	Resove all wild herea/burras from checkerboard land in accordance with RFF III decisions. Re borses or burras.	1. Actual use 2. Climete 3. Utilization 4. Order 3 Soil Surveys 8. Use Pattern 6. Ecological Stotum Invantory	1. Order 3 Seil Survays 2. Norse Census	S each	fence cattle- guard well krough	• •	Cathored 110 wild horses in 1986 to reach AML.

"Indicates Rango improvement Projects completed as a result of 1986 fire rehabilitation.

Table II
Progress of Progrem Implementation Sonoma-Gerlach Resource Area

				LIVESTUCK			ALLDI			ALLD HORSEZ WHD BOKKOZ	Identified			IST TREPERT	EMENT PROJ	BEIS	4
Kind	Allotment/Operator	Management 2616521A6	Stocking		Dear	Antelope	(AUAE)	Management Objectives and 1/	EXTRETAG	Management Objectives and 1/	Monitoring Plan	Completed Monitoring		NNED 2/		LETED	Program Implementation
Plan		Category	(AUMs)	Program Implementation Method			Shoop	Program Implementation — Nothed	(AUMs)	Program Implementation Nethod	Components	Actions	Units	Type	Units	Type	Progress
Gen- eral Land Use Plan	Humboldt House/ Jim Shontz, Star Sheep Co.	c	727 620 107	Provise forage to sustain 727 for livestock grazing and to spring the sustained of the poor to fair an 3,099 acres, from poor to fair an 3,099 acres, and from good to excellent on 30 acres.	1983 83 1987 110	0	•	Manage rangeland habitat to provide for ulfalife deaned approvide for ulfalife deaned per second of AlMia Berton as heap 23 AUMs (if restablishment occurs) Evaluate the restablishment of bighorn sheep.	1983 307 (25 borses) 1987	Remove all wild horses from checkerboard land in accordance with MFP III decision.	1. Actual use 2. Climate 3. Utilization 4. Order 3 Soil Surveys 5. Ecological Status Inventory 6. Use Patterns	1. Proliminary range study implementation conjunctions code of the		0	•	•	Decision to monitor and, if mecasary, and adjustments accordingly, acthored 32 wild horses in 1985 to reach AML.
Gen- eral Land Use Plan	Humboldt Sink/ Safford and Safford Robert I. Monroe	•	1,582 1,620 62	Provide forage to unitin 1,502 AURE for livestoch grazing and to seprese ecological condition from fair to good on 12,177 acres, and from good to excellent on 310 acres	1983 1987 0	0		Manage rangeland habitat to provide for wildlife demand as allowers. 2 Auna Bighorn sheep 3 Auna (if restablishment occurs) Evaluate the reestablishment of bighorn sheep.	1983 1987 0	No horses or burros,	1. Actual use 2. Utilization 3. Order 3 Soil Surveys 4. Ecological Status Invantory 5. Use Patterns	Surveys (Complete)	7 m1 1 ea 2 ea	fance well trough	•		Gathered 14 wild borses in 1985 to reach AML.
Gen- eral Land Use Plan	North Buffalo/ 3/ Ellison Renching To., Roering Springs Associat (Administered by the Bat Hountein District)	c es tie	3,294 1,194 2,100	Provide forage to sustain 3,284 AUNS for livestock grazing and improve scolagical condition from fair to good on 6,297 acres, and for to accellent on 200 decres. Consider increasing existing for- age by artificial settods wherever appropriate and feasible.	1983 1987 5	0	•	Manage rengeland habitat to provide for wildlife damand as follows:  Deer 60 AUMs	1983	He horses or burres,	1. Frand 2. Actual use 3. Climate 4. Utilization 5. Order 3 Soll Surveys 6. Ecological Status Invantory	Surveys 2. Ecological Statu	6,176 acres	plow &	•	٠	876 Tivestock AUNs suspended due to fire.
Gon- oral Land Use Plan	Jersey Vallay/ 3/ Jerry Kelly 4 (Administered by Carson City District)	c	2,912	Provide forage to suttain 1,581 AWRs for livestook grazing and seprove accloquical condition from poor to fair as 5,787 acres, from fair to good on 58 acres, and from good to excellent on 50 acres.	1983 59 1987 78	9	0	Names rangelend habitat to provide for wildlife demand as follows: 48 AUMs Sighorn sheep 1 AUM (if reestablishment occurs) Evaluate the reestablishment of bighorn sheep.	1983 3,477 (290 horses) 1987 3,864 (122 horses)	Manage rangeland babitat to provide 3,332 AUMs forage for 36 wild berses. I shabitat a bord monitoring system.	1. Trend 2. Actual use 3. Climate 4. Willigation 5. Order 3 Sell Surveys 6. Ecological Status laventory	1. Order 3 Soll Surveys 2. Ecological Statu	1 1/2 atles 2 ea 1 ea	pipe- line trough spring		:	Conversion of sheep AUNs to cattle use. MMP completed FY86.
13																	
Gan- eral Land Use Plan	Licking/ 3/ Low VenturEc: (Administered by the Batt Mountain District)	C kle	163	Provide forage to sustain 163 AUHs for livestock grazing and to improve ecological condition from fair to good on 272 acras, and from good to excellent on 9 acres. Combine with Morth Buffalo Allot- ment and consider as one allotment.	13	•	•	Manago rangoland habitat to provide for wildlife demand as follows:  46 AUMS	1983	No horses or burros.	1. Actual use 2. Climate 3. Utilization 4. Order 3 Sell Surveys 5. Ecological Status Inventory		•	٥	•	•	24 livestock AUMa suspended due to fire.
Gen- eral Lend Use Plan	Cottonwood Canyon/ 3/ Sheldon Leab (Administered by the Carson City District)	c	40	Provide forego to sustein 60 AUHs for livestock grazing and laprove ecological condition from poor to fair on 100 acres, and from fair to good on 149 acres. Sun in conjunction with the Boyer Ranch Allotment of the Carson City District.	1987	•	•	Provide rangeland habitat for reasonable numbers of wildlife as follows: Deer 18 AWIS	1983	No borses or burres.	Healtering will be done in conjunction with Boyer Banch Allotsent of Corson City District.	actions have been completed at the	9	•	•	•	

If The initial stocking levels for livestock and the usangement objectives for livestock, wildlife, wild borsus and burron ore those identified through the Tend use planning effort (RFF) unless a specific management plan (CRMF, ARMF, etc.) has been completed. On those allotments that do not have a specific plan developed, the base harbivore grazing levels are still negotiable through the consultation and coordination process (either formal or informal), prior to initiation of monitoring.

2/ The planned range improvements are those that were identified through the land use plan (AFP) except for those identified through a specific management Plan. The development of these range improvements will depend on an identified need when a specific plan is actually developed. In addition, the development of those planned range improvements for "A" and "C" category allotuments will be less intensive and will depend largely on private contributions for implementation.

3/ These ellotments are in the Winnesucce District but are administered by other BLM Districts. Development of specific measurement plans, range Topprovesents, monitoring and grising use adjustment will be conducted by the administrating district. These activities will be conducted within the constraints and/or objectives established through the Winnesucce I hand step plan.