ENVIRONMENTAL ASSESSMENT OF ALTERNATIVE MANAGEMENT PLANS

MONTGOMERY PASS WILDHORSE MANAGEMENT TERRITORY

SEPTEMBER 30, 1978

REVISED

MAY 20, 1979

U.S. FOREST SERVICE

BRIDGEPORT RANGER DISTRICT - TOIYABE NATIONAL FOREST

MONO LAKE RANGER DISTRICT - INYO NATIONAL FOREST

BUREAU OF LAND MANAGEMENT

CARSON CITY DISTRICT — NEVADA

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PREPARED BY: Barry Davis — 7/1/79

BARRY DAVIS - RESOURCE OFFICER
BRIDGEPORT R.D. - TOIYABE N.F.

DATE

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BILL HARVEY - RESOURCE OFFICER
MONO LAKE R.D. - INYO N.F.

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APPROVED BY:

ROBERT L. RICE - FOREST SUPERVISOR
INYO NATIONAL FOREST

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F. J. Ferrarelli — 7/3/79

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I. INTRODUCTION

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TO THE SOUTHEAST IS HIGHWAY 6, WHICH ORIGINATES AT BISHOP, CALIFORNIA. IT CROSSES THE NORTH END OF THE WHITE MOUNTAIN RANGE AT MONTGOMERY PASS WHICH HAS AN APPROXIMATE ELEVATION OF 7,140 FEET. SEE FIGURE I FOR GENERAL LOCATION MAP.

THE TERRITORY IS THAT AREA INHABITED BY HORSES ON DECEMBER 15, 1971 WHICH IS ADMINISTERED BY FOUR AGENCIES OF THE U.S. FOREST SERVICE AND BUREAU OF LAND MANAGEMENT. PROMINENT LANDMARKS OF THE TERRITORY INCLUDE WILLOW SPRING, MCBRIDE FLAT, PIZONA, TRUMAN MEADOWS, ADOBE FLAT AND HUNTOON VALLEY.

THE TERRITORY BOUNDARY AND AREA OF ADMINISTRATIVE RESPONSIBILITY IS SHOWN ON PAGE 4, FIGURE 2. THE LAND STATUS AND OWNERSHIP PERCENTAGE IS GIVEN ON PAGE 5, FIGURE 3.

IN 1971, THE PASSAGE OF PUBLIC LAW 92-195 (AS AMENDED), KNOWN AS THE WILD FREE-ROAMING HORSE AND BURRO ACT, ESTABLISHED PROVISIONS FOR THE PROTECTION AND MANAGEMENT OF WILD FREE-ROAMING HORSES AND BURROS ON PUBLIC LANDS UNDER THE JURISDICTION OF THE SECRETARIES OF AGRICULTURE AND INTERIOR. THE ACT DIRECTS THE SECRETARIES THAT THE HORSES ARE TO BE PROTECTED FROM CAPTURE, BRANDING, HARRASSMENT, OR DEATH AND ARE TO BE CONSIDERED AS AN INTEGRAL PART OF THE NATURAL SYSTEM OF PUBLIC LANDS. FIVE LAWS THAT PLAY IMPORTANT SUPPORTING ROLES ARE; THE MULTIPLE USE SUSTAINED YIELD ACT OF 1960, NATIONAL ENVIRONMENTAL POLICY ACT OF 1969, FEDERAL LAND MANAGEMENT AND POLICY ACT OF 1976, THE ENDANGERED SPECIES ACT OF 1973, AND THE ACT OF SEPTEMBER 8, 1959 (73 STAT 470; 18 USC 47) WHICH ESTABLSIHED CRITERIA AND PRINCIPLES ON METHODS USED IN MANAGEMENT OF WILD HORSES AND BURROS.

THE GOAL OF THE U.S. FOREST SERVICE AND THE BUREAU OF LAND MANAGEMENT IS TO MANAGE THE WILD HORSE HERD AT A LEVEL BY WHICH A THRIVING NATURAL ECOLOGICAL BALANCE WILL BE MAINTAINED IN CONJUNCTION WITH OTHER RESOURCE USES AND VALUES. THE BLM CONCURS WITH THE ACTION AND WILL USE IT AS AN 'INTERIM PLAN' PENDING THEIR ENVIRONMENTAL IMPACT STATEMENT.

NATIONAL FOREST LANDS ARE ADMINISTERED BY THE BRIDGEPORT RANGER DISTRICT, TOIYABE NATIONAL FOREST AND MONO LAKE RANGER DISTRICT, INYO NATIONAL FOREST. RESPECTIVE MANAGEMENT DIRECTION OF THESE LANDS IS:

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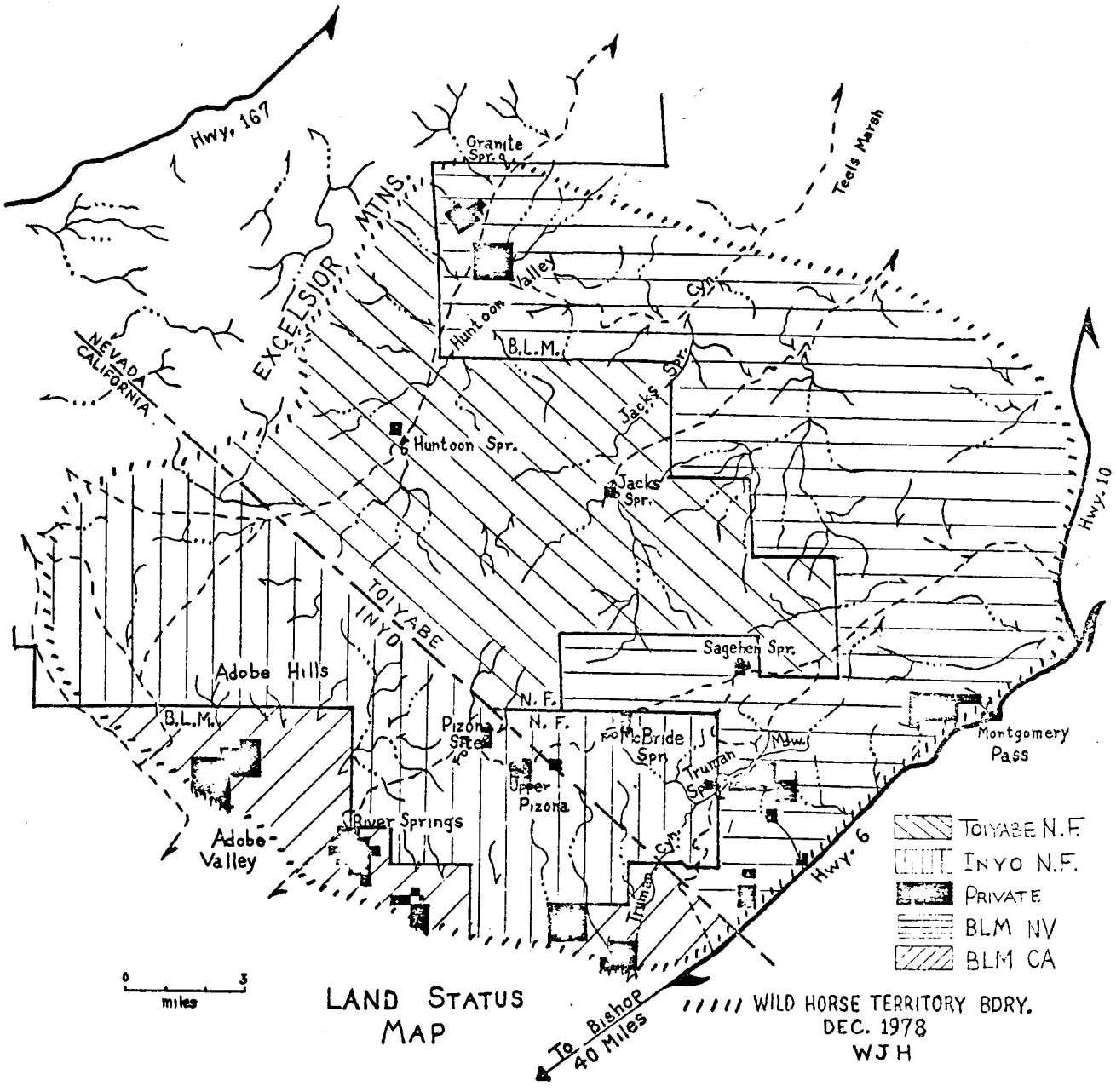
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Adobe Hills
N. F.
B.L.M.
Pizona Spr.
N. F.
McBride Spr
Montgomery Pass
Upper Pizona
Truman Spr.
River Springs
Adobe Valley
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Truman
Hwy. 6
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INYO N.F.
PRIVATE
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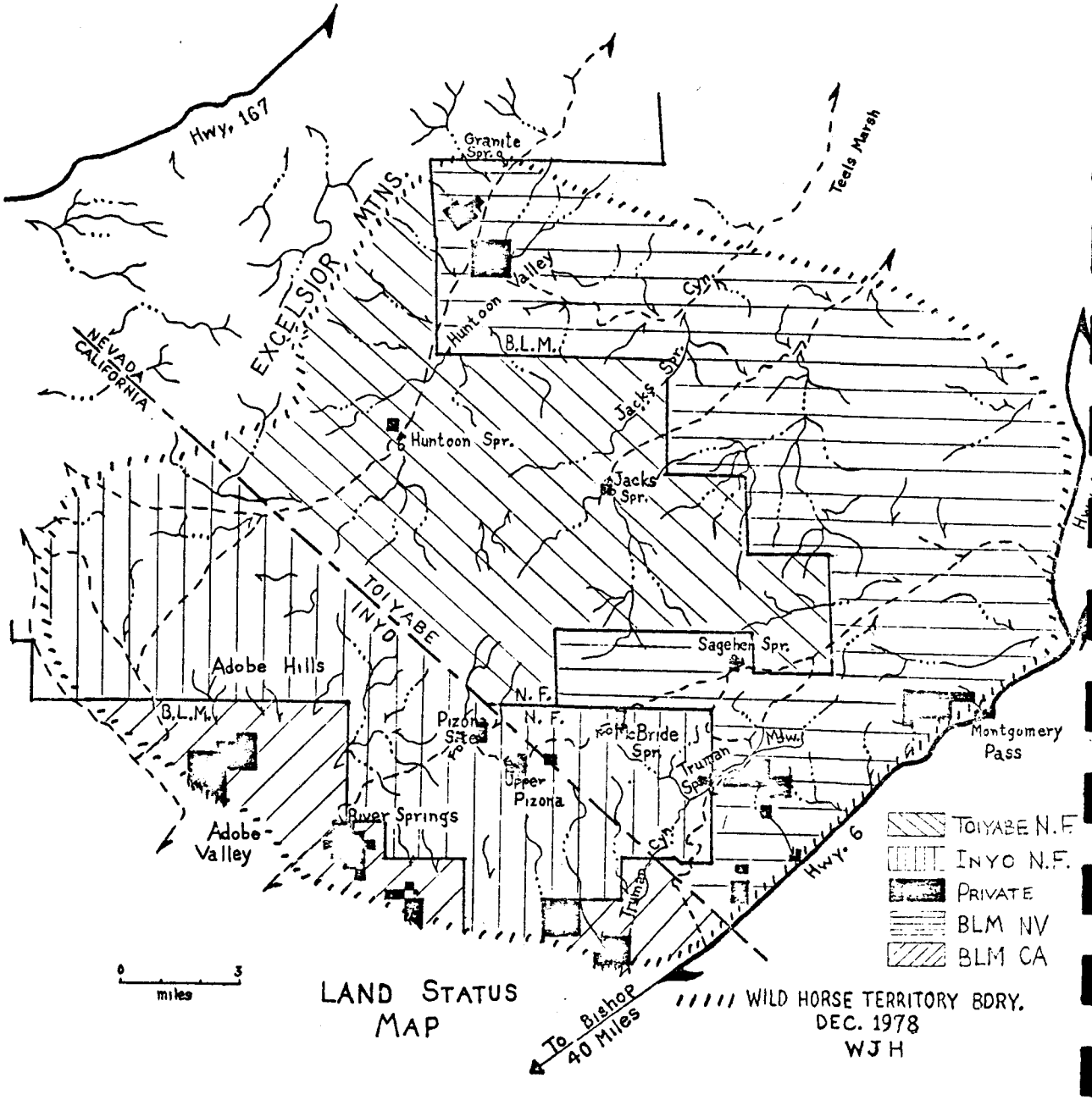
LAND STATUS MAP
WILD HORSE TERRITORY BDRY.
DEC. 1978
WJH
To Bishop 40 Miles

Figure 2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miles
LAND STATUS MAP
WILD HORSE TERRITORY BDRY.
DEC. 1978
WJH
To Bishop
40 Miles

Figure 2

LAND STATUS

	NATIONAL FOREST		PRIVATE	
	ACRES	PERCENT	ACRES	PERCENT
BRIDGEPORT DISTRICT	60,782	54.0	80	0.1
MONO LAKE DISTRICT	51,299	45.5	440	0.4
TOTAL	112,081	99.5	520	0.5

	PUBLIC DOMAIN		PRIVATE	
	ACRES	PERCENT	ACRES	PERCENT
BLM CARSON CITY DISTRICT	78,820	80.5	2,500	2.5
BLM BAKERSFIELD DISTRICT	14,000	14.3	2,500	2.5
TOTAL	92,820	94.8	5,000	5.2

GOVERNMENT		PRIVATE		TOTAL	
ACRES	PERCENT	ACRES	PERCENT	ACRES	PERCENT
204,901	98.5	3,020	1.5	207,921	100

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THE EXCELSIOR RARE II AREA (989) WAS PROPOSED AS WILDERNESS BY THE DEPARTMENT OF AGRICULTURE AND INCLUDES ALMOST ALL OF THE INYO AND TOIYABE PORTIONS OF THE TERRITORY. NO ACTIVITIES CAN BE CARRIED OUT THAT WILL DETRACT FROM EXISTING WILDERNESS VALUES.

A. HISTORY

EARLY MAN DEVELOPED TECHNIQUES FOR USE OF THE HORSE TO IMPROVE HIS MOBILITY AND TRANSPORTATION OF GOODS OVER LAND. CONSEQUENTLY, EXPLORERS INTRODUCED THE HORSE TO THE NEW AMERICAS. ON THE NEW CONTINENT THE HORSE BECAME AN INTREGAL PART OF THE CULTURE WHICH WAS DEVELOPED AS THE FRONTIER MOVED WESTWARD. THE SIGNIFICANCE OF THE HORSE DURING THIS PERIOD HAS BEEN VIVIDLY PORTRAYED BY THE GREAT ARTIST, FREDERIC REMINGTON.

IN 1845 CAPTAIN JOHN FREMONT'S THIRD EXPEDITION UNDER THE GUIDANCE OF JOSEPH WALKER PASSED THROUGH THE MONO BASIN. JOURNALS OF THE EXPEDITION MAY BE THE EARLIEST DOCUMENTED USE OF HORSES IN THE REGION.

EARLY INDIAN STORIES RELATE A TALE ABOUT SPANISH CROSSING THE SIERRAS WITH BURROS AND HORSES TO WORK A SILVER MINE NEAR ADOBE VALLEY. ACCORDING TO THE INDIANS ACCOUNT, THE MINERS WERE KILLED, BURIED IN THE TUNNEL, AND IT WAS COVERED. IT IS POSSIBLE BURROS AND HORSES ESCAPED AT THIS TIME.

THE PERIOD OF EARLY EXPLORERS AND FUR TRAPPERS WAS FOLLOWED BY THE SEARCH FOR SILVER AND GOLD. DURING THIS PERIOD (1859 - 1900) MINING TOWNS SUCH AS BODIE AND MONOVILLE FLOURISHED, BUT WERE SHORT LIVED. THE MINING BOOM ESTABLISHED THE PROMINENCE OF HYDROELECTRIC POWER AND SAWMILLS PRODUCED LUMBER FROM THE NEARBY FORESTED LANDS. AS THE MINING BOOM DWINDLED AGRICULTURE CONTINUED AS THE ECONOMIC BASE FOR SEVERAL COMMUNITIES.

THERE IS NO RECORD OF WHEN INDIANS, WHICH INHABITATED THE MONO BASIN AND OWENS VALLEY, MASTERED HORSEMANSHIP. NELLIE REYNOLDS, A PAIUTE INDIAN BORN ABOUT 1885 REMEMBERS HER FATHER CATCHING HORSES IN THE PIZONA AREA, AND IN FACT NEVER REMEMBERS HER PEOPLE BEING WITHOUT WILD HORSES IN POSSESSION (ZUFELT 1971). IN 1908, GUSS HESS, THE FIRST SETTLER OF LEE VINING, CHASED HORSES WITH THE INDIANS AND WOULD SELL THEM LOCALLY TO RANCHERS AND MINERS. WITH THIS BACKGROUND IT IS OBVIOUS THAT WILDHORSES OF TODAY ARE THEIR DESCENDANTS. THEY ORIGINATED FROM ESCAPED OR RELEASED STOCK FROM EARLY EXPLORERS AND SETTLERS. THE WILDHORSE MAY HAVE BEEN PRESENT IN ABUNDANT NUMBERS AS EARLY AS 1860.

A PORTION OF THE NATIONAL FOREST SYSTEM LAND IN THE ADOBE HILLS WAS ORIGINALLY DESIGNATED AS PART OF THE MONO NATIONAL FOREST. ON JULY 1, 1945 IT WAS ABOLISHED BY A DEPARTMENT OF AGRICULTURE DIRECTIVE. THE AREA WAS DIVIDED AND PUT UNDER ADMINISTRATION OF THE TOIYABE AND INYO NATIONAL FORESTS. THESE WERE REMOTE LANDS AND THROUGH THE YEARS ADMINISTRATIVE DIRECTION HAS REVOLVED AROUND MANAGEMENT OF THE RANGE FOR LIVESTOCK AND WILDLIFE. SHEEP, CATTLE AND HORSE GRAZING WAS ASSOCIATED WITH THE MATHIEU, SYMONS AND BRAMLETTE RANCHES. RICHIE CONWAY CAME TO MONO COUNTY WITH HIS FOLKS WHEN HE WAS THREE YEARS OLD - ABOUT 1903. HE RECALLS CONSTRUCTION OF THE SHEEP TROUGH AT TRUMAN SPRINGS WHEN WALLACE GREEN AND GUY WAY WERE DISTRICT RANGERS AT MAMMOTH LAKES AND LEE VINING. ABOUT 1936, HE HELPED BUILD THE NORTH-SOUTH DRIFT FENCE EAST OF RIVER SPRINGS TO IMPROVE LIVESTOCK CONTROL AND DISTRIBUTION.

THE OLD STAGECOACH ROUTE FROM THE VICINITY OF CANDELARIA AND BELMONT PASSED NEAR TRUMAN MEADOWS, AND CONTINUED SOUTH TO THE MCBRIDE (BRAMLETTE) RANCH, WHICH WAS A MAJOR STATION. FURTHER SOUTH NEAR OLD BENTON (RAILROAD) STATION WAS THE ROUTE JUNCTION. THE NORTHWEST (BODIE) ROUTE WENT OVER REDHILL INTO THE ADOBE VALLEY BASIN WHERE STAGE STOPS WERE LOCATED AT RIVER SPRINGS AND DEEP WELLS.

THE ROCK CABIN (PIZONA SITE) IS BELIEVED TO HAVE BEEN ERECTED PRIOR TO 1930. INITIALLY IT HAD A SOD ROOF AND ITS MAJOR PURPOSE WAS PROBABLY AS A SHELTER FOR A COWCAMP.

PRIOR TO THE WILD HORSE ACT OF 1971 NUMBERS WERE KEPT IN CHECK BY 'MUSTANGERS'. THE WATER TRAP AT SAGEHEN SPRING AND TRUMAN MEADOWS ARE STILL EVIDENT, BUT A COMBINATION OF CAPTURE METHODS WERE USED. THERE IS ALSO AN OLD BLIND TRAP EAST OF SAGEHEN SPRING.

ACIE CLINE WAS PROBABLY THE MOST SUCCESSFUL OF THE MANY INDIVIDUALS WHO HARVESTED HORSES IN THE 1930'S AND 40'S. IT IS TOLD THAT HE INCORPORATED THE USE OF GENTLE MARES TO FACILITATE THE ROUNDUPS IN

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J. MONITOR THE WILD HORSE POPULATION USING BOTH GROUND AND AERIAL METHODS.

K. CAPTURE METHODS MAY INCORPORATE TRAPPING, HAZING ON HORSEBACK, HELICOPTER, TRANQUILIZER GUN AND THE USE OF A RIFLE FOR SPECIAL CASES. THE ACTION PLAN SHOULD EVALUATE A WINTER CONTROL PROGRAM WHEN THE HORSES MAY BE OUTSIDE THE RARE II AREAS.

L. DETERMINE THE LIMITS OF HORSE WINTER RANGES WHICH ARE PRESENTLY POORLY UNDERSTOOD.

M. DETERMINE DIET AND HABITAT CONFLICTS BETWEEN, LIVESTOCK, HORSES, AND WILDLIFE AND MITIGATE WHEN POSSIBLE.

N. REDUCE LEVEL OF HORSE USE ON PRIVATE LAND TO SATISFACTION OF LANDOWNER.

III. ENVIRONMENTAL SETTING

A. AIR

THE AIR QUALITY THROUGHOUT THE MANAGEMENT AREA REMAINS GOOD EXCEPT FOR SOME DUST STORMS ORIGINATING IN MONO BASIN, AND AN OCCASIONAL DUST DEVIL DURING THE SUMMER MONTHS. THE AREA IS FAR ENOUGH FROM ANY MAJOR METROPOLITAN REGION THAT OXIDES OF NITROGEN AND HYDROCARBONS PRESENT NO PROBLEMS TO AIR QUALITY. DURING THE SUMMER, AIR MOVEMENTS ARE EXTREMELY VARIABLE AND ARE INFLUENCED BY LOCAL STORMS AND SEASONAL FRONTAL PATTERNS.

B. CLIMATE

THE TERRITORY IS INFLUENCED BY A SOUTHWESTERN CLIMATE PATTERN. IT HAS A BISEASONAL PATTERN CHARACTERIZED BY WINTER AND SUMMER PRECIPITATION AND SPRING AND FALL DROUGHT. THE WINTER SNOWS RESULT LARGELY FROM POLAR PACIFIC AIR MOVING IN FROM THE WEST. LATE SPRING AND EARLY FALL RAINS HAVE AS THEIR SOURCE; TROPICAL PACIFIC AIR FROM THE SOUTHWEST. SUMMER RAINS ARE DERIVED CHIEFLY FROM MOISTURE LADEN AIR FROM THE GULF OF CALIFORNIA THAT CARRIES CONVECTION-TYPE THUNDERSTORMS AS AIR RISES TO ALTITUDES WHERE CONDENSATION OCCURS (HUMPHREY, 1962).

PRECIPITATION AMOUNTS, FROM AN EIGHT YEAR STUDY (1963-1970) CONDUCTED BY THE DEPARTMENT OF DEFENSE AT THE MONTGOMERY PASS BURN PLOTS, AVERAGED 8.9 INCHES, THE HIGH BEING 12.72 INCHES IN 1967 AND LOW BEING 5.74 INCHES IN 1964. MOST OF THE PRECIPITATION OCCURS BETWEEN NOVEMBER AND FEBRUARY IN THE FORM OF SNOW. TYPICALLY THERE ARE LARGE FLUCTUATIONS IN DAILY TEMPERATURES RANGING IN THE COLDEST MONTHS OF DECEMBER AND JANUARY AS LOW AS -10 DEGREES FAHRENHEIT AND HIGHS IN THE 60'S. TEMPERATURES DURING THE SUMMER MONTHS (JULY AND AUGUST) RARELY EXCEED 100 DEGREES FAHRENHEIT WITH TYPICAL TEMPERATURES DURING THE DAY BEING IN THE 80'S AND 90'S. LOW TEMPERATURES DURING THESE MONTHS FLUCTUATE SLIGHTLY RANGING IN THE 50'S.

ADOBE VALLEY. THE WILD HORSES WOULD BE HAZED FOR DAYS ON END AND THEN ULTIMATELY WOULD BE CAPTURED USING THE OLD STONE CORRALS AT RIVER SPRINGS AND ADOBE VALLEY RANCH. ACIE USED AN 'AMC' BRAND AND A BOX ONE 1 WAS USED BY A MRS. NEWMAN. BOTH ACIE AND MRS. NEWMAN ARE BELIEVED TO HAVE TURNED HORSES OUT ONTO THE OPEN RANGE TO IMPROVE BREED QUALITY AND CHARACTER OF THE WILD HORSES. THE VARIETY OF COLOR OTHER THAN BAYS HAVE PROBABLY RESULTED FROM THESE INTRODUCTIONS.

KEN CHICHESTER, AN ANTELOPE VALLEY RANCHER TOOK SEVERAL HUNDRED FROM THE DEEP WELL AREA ONE WINTER. KEN STATES THAT THE MUSTANGS WERE CONCENTRATED ON THE WESTSIDE OF THE TERRITORY AND THERE WAS MUCH MORE BUNCH GRASS THERE IN THE EARLY 1900'S. HE CONTENDS THAT THE REDUCTION IN GRASS HAS RESULTED IN THE HORSES SHIFTING EASTWARD.

II. OBJECTIVES

THE MANAGEMENT PLAN AND ENVIRONMENTAL ASSESSMENT HAVE BEEN PREPARED TO PROVIDE EFFECTIVE AND EFFICIENT CONSERVATION, DEVELOPMENT AND UTILIZATION OF THE PUBLIC LAND RESOURCES. SPECIFIC OBJECTIVES FOR THE TERRITORY ARE:

A. IMPROVE AND/OR MAINTAIN SOIL AND VEGETATION RESOURCE AT A CONDITION RATING OF FAIR OR HIGHER, SPECIFICALLY AT THE STUDY LOCATIONS SHOWN IN THE MANAGEMENT REQUIREMENT SECTION.

B. PROVIDE MANAGEMENT TO ASSURE A VIABLE, HEALTHY WILD HORSE POPULATION

C. ALLOCATE AVAILABLE FORAGE BETWEEN WILD HORSES, WILDLIFE AND LIVESTOCK.

D. CONSTRUCT RANGE IMPROVEMENTS WHICH ARE NEEDED TO IMPLEMENT MANAGEMENT PROGRAMS EXCEPT IN PROPOSED WILDERNESS.

E. USE MANAGEMENT METHODS TO AVOID DEGRADING WILDERNESS CHARACTERISTICS IN PROPOSED WILDERNESS.

F. PROVIDE PROTECTION TO THE WILD HORSE RESOURCE AS PROVIDED BY APPROPRIATE LAWS AND REGULATIONS.

G. ESTABLISH ADMINISTRATIVE RESPONSIBILITY BY COOPERATIVE AGREEMENT OR MEMORANDUM OF UNDERSTANDING BETWEEN THE FOREST SERVICE AND THE BUREAU OF LAND MANAGEMENT.

H. PREPARATION-SPECIFIC ACTION PLAN TO CAPTURE EXCESS HORSES.

I. CAPTURED WILD HORSES WILL BE PLACED WITH PRIVATE PARTIES THROUGH THE ADOPTION PROGRAM WHEN POSSIBLE. UNSOUND AND EXCESS ANIMALS WILL BE DISPOSED OF IN THE MOST HUMANE MANNER POSSIBLE.

PLACED ON HABITAT AND SOCIALLY IMPORTANT SPECIES INCLUDING GAME ANIMALS, FURBEARERS AND BIRDS OF PREY. HOWEVER, ALL REPTILES, BIRDS AND MAMMALS WHICH HAVE BEEN OBSERVED OR ARE THOUGHT TO OCCUR ARE LISTED IN APPENDIX II.

PINYON-JUNIPER WOODLAND, TYPICAL OF THE GREAT BASIN IS THE DOMINATE HABITAT TYPE IN THE AREA. SINGLE LEAF PINYON (PINUS MONOPHYLLA) AND UTAH JUNIPER (JUNIPERUS OSTEOSPERMA) PROVIDE FOOD SOURCE IN THE FORM OF PINE NUTS AND JUNIPER BERRIES AND SERVE AS HOSTS FOR A DIVERSE VARIETY OF INSECTS CONSUMED BY WILDLIFE. THESE TREES ALSO SERVE AS COVER FOR NESTING AND RESTING. THE WOODLANDS UNDERSTORY IS PRIMARILY BITTERBRUSH (PURSHIA TRIDENTATA), GREAT BASIN SAGE (ARTEMESIA TRIDENTATA), RUBBER RABBITBRUSH (CHRYSOTHAMNUS NAUSEOSUS), AND DEPENDING ON THE ANNUAL PRECIPITATION, VARYING AMOUNTS OF FORBS AND GRASSES. FORAGE FROM THESE PLANTS ARE IMPORTANT FOR THE DEER HERDS AND CERTAIN SPECIES OF UPLAND GAME. SEEDS ARE EATEN BY A VARIETY OF BIRDS AND SMALL MAMMALS. THE PINYON-JUNIPER WOODLAND IS GEOGRAPHICALLY IMPORTANT AS A DISTRIBUTION CORRIDOR BETWEEN THE MOUNTAIN RANGES TO THE NORTH, AND THE WHITE/INYO MOUNTAINS TO THE SOUTH.

INTERSPREAD BETWEEN THE WOODLAND ARE RIDGES AND PLATEAUS SUPPORTING THE SAGEBRUSH HABITAT TYPE. THE DISTRIBUTION OF MANY BUT NOT ALL OF THE WOODLAND'S SPECIES OVERLAP INTO THE SAGE. SEVERAL SPECIES OCCUR ONLY IN THE SAGE. THIS HABITAT IS OF PARTICULAR IMPORTANCE TO SAGE GROUSE AND RAPTORS SUCH AS GOLDEN EAGLES, PRAIRIE FALCONS AND KESTRELS WHO USE THE SAGE AS HUNTING GROUNDS.

BASALT OUTCROPS THROUGHOUT THE AREA PROVIDE HABITAT FOR SPECIES SUCH AS BOBCATS, WOODRATS, ROCK WRENS, SWALLOWS, RINGTAILS AND WEASELS. THEY ALSO SERVE AS PERCH AND NEST SITES FOR RAPTORS.

DUE TO THE DISTANCE BETWEEN NATURALLY OCCURRING WATER SITES, THE FEW SPRINGS AND SEEPS ARE ESSENTIAL TO MANY SPECIES. THE ASSOCIATED RIPARIAN HABITATS INCLUDE MEADOWS, WILLOW AND ROSE THICKETS, ASPEN GROVES, AND BUFFALOBERRY. THESE PROVIDE WATER, FORAGE, COVER AND IN SOME CASES SPECIFIC HABITAT. UPLAND GAME SPECIES REQUIRE WATER AND ADJACENT VEGETATION SERVES AS FAWNING AREA FOR A SMALL RESIDENT DEER HERD. A VARIETY OF BIRD SPECIES USE THESE AREAS FOR FOOD, WATER AND COVER DURING MIGRATION.

SEVERAL PLAYAS EXIST IN THE SAGEBRUSH HABITAT AND ARE ANOTHER IMPORTANT WATER SOURCE WHEN RUNOFF FROM SNOW OR SUMMER THUNDERSHOWERS ARE SUFFICIENT TO FILL THEM. THEY ARE USED BY MIGRATING SHOREBIRDS AND WATERFOWL AND SOME SPECIES OF RESIDENT BIRDS SUCH AS CLARK'S NUTCRACKER AND HORNED LARKS. THE GRASSY BORDERS OF THESE LAKES ARE LIKELY CRITICAL FOR SAGE GROUSE AS STRUTTING AREAS AND A SOURCE OF GREEN FORAGE AND INSECTS FOR THEIR BROODS. SPECIES OF FRESHWATER INVERTEBRATES SUCH AS CLAM-SHRIMPS (CONCHASTRACA SP.) ARE KNOWN TO INHABIT THESE LAKES.

C. SOILS

SOILS IN THE TERRITORY ARE THE RESULT MAINLY OF VOLCANIC BEDROCK, WIND DEPOSITS AND ELUVIATION. THE SOILS BELONG MOSTLY TO TWO SOIL ORDERS: ARIDISOLS AND MOLLISOLS.

1. ARIDISOLS--THESE MINERAL SOILS ARE FOUND MOSTLY IN DRY CLIMATES WITH SOIL LAYERS BEING DRY THROUGHOUT MOST OF THE YEAR. THEY HAVE NOT BEEN SUBJECTED TO INTENSIVE LEACHING AND HAVE AN OCHRIC EPIPEDON GENERALLY LIGHT IN COLOR AND LOW IN ORGANIC MATTER. THEY MAY HAVE A HORIZON WITH ACCUMULATION OF CALCIUM CARBONATE, GYPSUM, OR EVEN MORE SOLUBLE SALTS.

   THESE SOILS DOMINATE THE ENTIRE AREA EXCEPT THOSE FOUND IN MEADOWS AND INTERMITTENT SNOW PONDS. THEY ARE FOUND ON GENTLY SLOPING TO STEEP AREAS THROUGHOUT THE REGION WITH A VEGETATIVE COVER RANGING FROM PINYON PINE FOREST TO SAGEBRUSH COMMUNITIES.

2. MOLLISOLS--THESE SOILS ARE CHARACTERIZED BY A MOLLIC EPIPEDON OR SURFACE HORIZON WHICH IS THICK AND DARK. THEY MAY HAVE AN ARGILLIC, NATRIC, ALBIC, OR CAMBIC HORIZON BUT NOT AN OXIC OR SPODIC HORIZON. THE SURFACE HORIZONS GENERALLY HAVE GRANULAR OR CRUMB STRUCTURES AND ARE NOT HARD WHEN THE SOILS ARE DRY.

D. WATER

SPRINGS ARE WIDELY SCATTERED THROUGHOUT THE WILD HORSE TERRITORY. THE SPRINGS THAT HAD RUNNING WATER DURING THE DROUGHT OF 1977 WERE; PIZONA SITE, UPPER PIZONA SPRING, TRUMAN SPRINGS, TRUMAN MEADOWS, A SPRING IN NE1/4, SEC. 5, T.2N., R.32E., AND RIVER SPRINGS. THERE ARE MANY LOCATIONS WITH SEASONAL WATER (I.E., MCNAMARA LAKE, MCBRIDE FLAT, SAGEHEN SPRINGS, SNOW PONDS IN THE SAGEHEN SPRINGS BASIN, AND HUNTOON-SOUNDING ROCK AREA). APPENDIX II.

TRUMAN MEADOWS, PIZONA, MCBRIDE FLAT AND SAGEHEN SPRINGS DURING 1978 WERE WATERING SITES USED MOST FREQUENTLY, WITH 30-60 HORSES USING EACH SPRING DAILY.

THERE ARE NUMEROUS STEEP SIDED CANYONS WITH SURFACE FLOW OCCURRING ONLY DURING INTENSE STORMS OF SUFFICIENT DURATION. MANY OF THE WATER LOCATIONS ARE ON PRIVATE LAND.

E. WILDLIFE

THE FOLLOWING IS A BRIEF DISCUSSION OF WILDLIFE HABITAT AND ASSOCIATED WILDLIFE SPECIES OCCURRING WITHIN THE HORSE TERRITORY. EMPHASIS IS

AND NEVADA FISH AND GAME BIOLOGISTS HAVE SPENT RELATIVELY FEW MAN HOURS IN THE AREA, AND FURTHER STUDIES ARE NEEDED TO DETERMINE WINTER FAWN LOSS, DEER USE IN OTHER AREAS, ETC.

(2) MOUNTAIN LION (FELIS CONCOLOR)

MOUNTAIN LIONS INHABIT A VARIETY OF HABITAT TYPES RANGING FROM THE DESERT TO THE HIGH MOUNTAINS IN THE WEST. LIONS ARE FOUND IN THIS WILD HORSE TERRITORY. MULE DEER IS PROBABLY THE MAJOR PREY SPECIES OF THIS CAT. HOWEVER, EVIDENCE HAS SHOWN THAT MOUNTAIN LIONS ARE OPPORTUNISTIC PREDATORS, FEEDING ON A LARGE VARIETY OF PREY.

B. UPLAND GAME

(1) SAGE GROUSE - CENTROCERCUS UROPHASIANUS

IT HAS BEEN STATED THAT THE 'SAGE GROUSE IS MORE DEPENDENT ON ONE ENVIRONMENT THAN ANY OTHER AMERICAN BIRD...THE SAGEBRUSH'(1). THEIR HABITAT REQUIREMENTS INVOLVE A CERTAIN COMBINATION OF SAGEBRUSH HEIGHTS AND DENSITIES, SPECIES COMPOSITION, THE OCCURRENCE OF CERTAIN FORBS AND GRASSES, AND THE AVAILABILITY OF MEADOWS AND WATER SOURCES. THE FOLLOWING SUMMARIZES THE BASIC USE AREAS:

BROOD AREAS	MEADOW EDGES WITH WATER AND ADJACENT TALL SAGE FOR COVER.
NESTING	SPARSE SAGE (2'-3'HIGH) WITHIN 1-MILE OF WATER.
STRUTTING GROUNDS	MEADOW EDGES OR AREAS WITH SHORT, SPARSE SAGE. VISIBILITY IS IMPORTANT.
WINTERING	SOUTH FACING SLOPES AND WIND BLOWN ROCKY RIDGES WITH 2'-4' SAGE.

A KNOWN SAGE GROUSE POPULATION OCCURS IN THE VICINITY OF MCBRIDGE FLAT, SAGEHEN SPRINGS AND ADJACENT PLAYAS. ON AUGUST 14, 1978 TWENTY BIRDS WERE FLUSHED IN THE ABOVE AREA. THE PLAYAS, SPRINGS AND ADJACENT MEADOWS IN THIS AREA ARE OF PRIME IMPORTANCE. FURTHER STUDIES ARE NEEDED TO DETERMINE THE IMPACT CAUSED BY THE HORSE POPULATIONS AND POSSIBLE MITIGATIONS SUCH AS WATER DEVELOPMENTS AND ENCLOSURES.

1. PREDOMINANT SPECIES

A. BIG GAME

(1) ROCKY MOUNTAIN MULE DEER:

THE AREA IS AN IMPORTANT WINTER RANGE FOR THE FOLLOWING THREE DEER HERDS:

HERD NAME	LOCATION OF WINTER RANGE
MONO LAKE HERD	PIZONA CREEK NORTH INCLUDING ADOBE HILLS
CASA DIABLO HERD	PIZONA CREEK SOUTH INCLUDING TRUMAN MEADOWS
WHITE MOUNTAIN HERD (MUSTANG MTN.-SAGEHEN FLAT PORTION)	TRUMAN MEADOWS AND NW SLOPES OF QUEEN VALLEY

THE WINTERING DEER HERDS NORMALLY START ARRIVING IN OCTOBER AND LEAVING IN APRIL. 'KEY AREAS' (CONCENTRATION SITES) ARE NEAR TRUMAN MEADOWS AND PIZONA CREEK.

A SMALLER RESIDENT POPULATION OF DEER EXIST IN THE AREA. ON AUGUST 14, 1978 A FAWN WAS OBSERVED IN THE WILLOW-ROSE THICKETS AT UPPER TRUMAN MEADOW INDICATING FAWNING HABITAT. FURTHER STUDIES MAY BE NEEDED TO DETERMINE DEER-HORSE COMPETITION.

HUNTING PRESSURE IS VERY LIGHT IN THE AREA DUE TO ACCESS AND THE SEASON OF DEER OCCURRENCE. THE FOLLOWING DATA HAS BEEN COLLECTED IN THE AREA BETWEEN TRUMAN MEADOWS AND QUEEN VALLEY.

	1975-76	76-77	77-78
BITTERBRUSH LEADER GROWTH	1.1''	1.7''	2.2''
%FALL UTILIZATION	-	0	TRACE
%SPRING UTILIZATION	-	40%	45%
DEER DAYS USE/ACRE	-	21	25

- EQUALS: NO OBSERVATION

WINTER DEER HERD COMPOSITION COUNTS

YEAR	1952	1960	1962	1978
ADULTS/#FAWNS(COUNTED)	200/75	198/67	141/36	-
100 ADULTS/#FAWNS (CALCULATED)	100/37	100/34	100/26	100/42

DUE TO LACK OF MANPOWER AND THE AREA'S REMOTENESS, CALIFORNIA

A. RINGTAIL - (BASSARISCUS ASTUTUS)

OCCURRENCE IN THIS AREA IS SUSPECTED, INHABITING BRUSHY, ROCKY SLOPES NOT FAR FROM SOME WATER SOURCE. THE BRUSHY AND ROCKY SLOPES PROVIDE THE NOCTURNAL RINGTAIL WITH MANY SMALL RODENTS, INSECTS, BIRDS, LIZARDS AND OTHER INVERTEBRATES WHICH THEY PREY UPON. THEY DEN IN NATURAL CREVICES, CAVES ALONG CLIFFS, IN HOLLOW TREES OR UNDER ROCK PILES.

B. LONG-TAILED WEASEL - (MUSTELA FRENATA)

IT IS KNOWN TO INHABIT BASALT OUTCROPS NEAR WATER. PREYS ON SMALL RODENTS, BIRDS AND RABBITS BY PIERCING THEIR SKULLS WITH ITS CANINE TEETH. A SAVAGE CARNIVORE SOMETIMES TAKING PREY LARGER THAN ITSELF. NESTS ARE BUILT IN ROCKY OUTCROPS, UNDER WOODPILES OR IN OLD BURROWS OF OTHER ANIMALS.

C. BADGER - (TAXIDEA TAXUS)

A POWERFUL ANIMAL THAT PREFERS FRIABLE SOILS AND GRASSLAND WHERE IT DIGS OUT GROUND SQUIRRELS, CHIPMUNKS, GOPHERS AND OTHER SMALL RODENTS TO PREY UPON. MOSTLY NOCTURNAL BUT OBSERVED SEARCHING FOR FOOD DURING MIDDAY. DENS IN ITS OWN DUG OUT BURROW, USUALLY HORIZONTALLY OVAL SHAPED TO 10 INCHES. BADGERS HAVE NO REAL ENEMIES EXCEPT MAN. THEIR BURROWS MAY BE HAZARDOUS TO WILD HORSES, CAUSING BROKEN LEGS.

D. SPOTTED SKUNK - (SPILOGALE PUTORIUS)

THIS NOCTURNAL FURBEARER INHABITS ROCKY AND BRUSHY HILLSIDES IN WHICH IT FEEDS UPON SMALL RODENTS, INSECTS, SMALL BIRDS AND THEIR EGGS. THEY DEN IN ROCK PILES OR IN GROUND SQUIRREL BURROWS.

E. COYOTE - (CANIS LATRANS)

A PROLIFIC BREEDER IN ALL LIFE ZONES. INHABITS THE ROCKY OR BRUSHY AREAS WHERE THIS PROFICIENT KILLER TAKES LAGOMORPHS, GROUND SQUIRRELS, GOPHERS, MEADOW MICE, KANGAROO RATS AND EVEN INSECTS. THEY WILL EAT ALMOST ANY ANIMAL OR VEGETABLE MATTER AND ARE ALSO KNOWN TO TAKE FAWNS. DENS BASICALLY IN BURROWS AROUND BRUSH AND GRASS, UNUALLY NOT MORE THAN 6 MILES FROM WATER.

F. KIT FOX - (VULPES MACROTIS)

IS BELIEVED TO SURVIVE AND REPRODUCE IN THE PIZONA/ADOBE HILLS VEGETATION OF PINYON-JUNIPER, PREFERRING THE SANDY GROUND. THIS ASSUMPTION IS BASED ON SIMILAR HABITATS IN WHICH IT SUCCESSFULLY BREEDS. DENS IN ITS OWN DUG BURROW, BECOMING ACTIVE AT NIGHT. PREYS UPON KANGAROO RATS AND POCKET MICE MAINLY, BUT TAKES OTHER SMALL RODENTS, LAGOMORPHS AND INSECTS.

(A) INYO NATIONAL FOREST, 'SAGE GROUSE HABITAT MANAGEMENT PLAN, 1966'.

(B) CALIFORNIA QUAIL - LOPHORTYX CALIFORNICUS

A HEALTHY POPULATION OF QUAIL RANGES IN THE TRUMAN MEADOW AND PIZONA CREEK AREA. WATER LIMITS THE RANGE OF THESE BIRDS, ESPECIALLY FOR THE BROODS. TWO WATER SOURCES HAVE BEEN PROVIDED IN THE ADOBE HILLS AREA TO EXTEND POPULATIONS OVER THE AREA.

(C) MOUNTAIN QUAIL - OREORTYX PICTUS

THE STATUS OF THIS BIRD IS UNCERTAIN DUE TO ONLY ONE SIGHTING IN THE TRUMAN MEADOW AREA. THIS REPRESENTS AN ISOLATED POPULATION.

(D) MOURNING DOVE - ZENAIDURA MACROURA

PIZONA SPRINGS AND TRUMAN MEADOW ARE AN IMPORTANT WATERING AND RESTING SPOT FOR MIGRATING DOVES AS WELL AS FOR THE SMALL BREEDING POPULATION.

(E) BAND-TAILED PIGEON - COLUMBA FASCIATA

RECENT SIGHTINGS HAVE CONFIRMED THE OCCURRENCE OF THIS NATIVE PIGEON IN THE AREA OF TRUMAN MEADOWS AND PIZONA CREEK. BREEDING HAS YET TO BE DOCUMENTED. PINE NUTS ARE AN IMPORTANT FOOD SOURCE WHEN AVAILABLE FOR THIS SPECIE.

(F) CHUKAR - ALECTORIS GRAECA

A POPULATION OF THIS INTRODUCED PARTRIDGE IS ESTABLISHED IN THE ROCKY CANYONS BETWEEN QUEEN VALLEY AND TRUMAN MEADOWS.

(G) HARES AND RABBITS

THREE SPECIES ARE KNOWN TO INHABIT THE AREA. THE BLACKTAILED JACKRABBIT, MOUNTAIN COTTONTAIL AND PIGMY RABBIT.

2. FURBEARERS

THE GEOGRAPHIC DISTRIBUTION OF FURBEARERS IS LIMITED BY FOOD, WATER, SHELTER AND KEY HABITAT. THEY ARE IMPORTANT AS; (1) A POPULATION CHECK FOR SMALL RODENTS AND BIRDS, (2) OCCASIONAL VIEWS TO THE GENERAL PUBLIC, AND (3) PELTS TO THE FUR TRADE. BELOW IS A LIST OF FURBEARERS IN RELATIONSHIP TO THEIR HABITAT AND FOOD REQUIREMENTS FOUND IN THIS WILD HORSE TERRITORY.

B. PORCUPINE - (ERETHIZON DORSATUM)

THIS VEGETARIAN MAMMAL THAT LIVES IN THE PINYON-JUNIPER FOREST DENS IN HOLLOW TREES OR CREVICES UNDER ROCK SLIDES. IN SUMMER THEY FEED BASICALLY ON HERBS AND SHRUBS, AND WINTER THEY FORAGE UPON PINYONS AND JUNIPERS.

F. GEOLOGY

THE EXCELSIOR MOUNTAINS ARE COMPOSED OF GRANITIC ROCKS, CHIEFLY QUARTZ MONZONITE, AND A VARIETY OF VOLCANIC ROCKS. THE VOLCANIC ROCKS INCLUDE PLIOCENE INTERMEDIATE FLOWS (RHYODACITE TO ANDESITE), PLIO-PLEISTOCENE BASALTIC FLOWS, AND TRIASSIC INTERMEDIATE TO FELSIC FLOWS OF THE EXCELSIOR FORMATION. SANDSTONES AND CONGLOMERATES OF THE JURASSIC DUNLAP FORMATION OCCUR IN THE EXCELSIOR'S BUT MOSTLY OUT OF THE WILD HORSE TERRITORY.

THE MONTGOMERY PASS AREA CONSISTS OF BASALTIC AND FOLSIC VOLCANIC FLOWS WITH MINOR AMOUNTS OF GRANITIC AND PALEOZOIC META SEDEMENTARY ROCKS.

G. VEGETATION

1. SAGEBRUSH TYPE: IS DOMINATED BY GREAT BASIN SAGEBRUSH (ARTEMISIA TRIDENTATA) ALONG WITH OTHER SPECIES OF SAGEBRUSH (ARTEMISIA ARBUSCULA VAR. NOVA AND ARTEMISIA CANA). OTHER SHRUB SPECIES INCLUDE SNOWBERRY (SYMPHORICARPOS LONGIFLORUS), RABBIT-BRUSH (CHRYSOTHAMNUS VISCIDIFLORUS), BITTERBRUSH (PURSHIA TRIDEN-TATA), PRICKLY PHLOX (LEPTODACTYLON PUNGENS), AND SULPHUR BUCKWHEAT (ERIOGONUM UMBELLATUM). HERBACEOUS SPECIES INCLUDE GREAT BASIN WILDRYE (ELYMUS CINEREUS), INDIAN RICEGRASS (ORYSOPSIS HYMENOIDES) NEEDLE GRASSES (STIPA SPP.), SQUIRRELTAIL (SITANION HYSTRIX), AND SANDBERG'S BLUEGRASS (POA SECUNDA). SEE PLANT LIST - APPENDIX III.

2. PINYON-JUNIPER: IS CHARACTERIZED BY THE SINGLE LEAF PINYON PINE (PINUS MONOPHYLLA), WITH THE DOMINANT SHRUB BEING GREAT BASIN SAGEBRUSH. OTHER SHRUB SPECIES, MANY OF WHICH OCCUR IN SAGEBRUSH, ARE BITTERBRUSH, RABBITBRUSH, SPINEY HOPSAGE (GRAYIA SPINOSA), AND GREEN EPHEDRA (EPHEDRA VIRIDIS). HERBACEOUS VARIETIES INCLUDE INDIAN RICEGRASS, NEVADA BLUEGRASS (POA NEVADENSIS), PALMER'S LUPINE (LUPINUS PALMERI), AND INDIAN PAINTBRUSH (CASTILLEJA SPP.).

3. MEADOWS AND SNOW PONDS: THESE ARE CONFINED TO AREAS OF CONCEN-TRATED WATER OR SNOW MELT ACCUMULATION, BOTH CONSTITUTING LESS THAN 1% OF THE WILDHORSE AREA. SPECIES ASSOCIATED WITH THE AREAS INCLUDE KENTUCKY BLUEGRASS (POA PRATENSIS), WHEATGRASS (AGROPYRON SPP.), SEDGES (CAREX SPP.), AND RUSHES (JUNCUS SPP.). IRIS AND RABBIT-BRUSH (CHRYSOTHAMNUS NAUSEOSUS), ARE WELL ESTABLISHED, AS WELL AS WILLOWS(SALIX SPP.), WILD ROSE (ROSA SPP.), AND CURRANTS (RIBES SPP.).

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NATIONAL FOREST LAND EAST OF POWERLINE IS RECOMMENDED TO WILDERNESS PURSUANT TO RARE II. OBJECTIVES FOR MANAGEMENT IS TO DO SO IN A MANNER WHICH WILL PROTECT WILDERNESS VALUES.

K. WILD HORSES

WHEN THE WILD FREE-ROAMING HORSES AND BURROS ACT WAS SIGNED ON DECEMBER 15, 1971, THERE WERE AN ESTIMATED 70 HORSES IN THE MONTGOMERY PASS WILD HORSE TERRITORY. ON JUNE 21, 1973, THE INYO NATIONAL FOREST COUNTED 162. DURING THE SUMMER OF 1974 THE TOIYABE NATIONAL FOREST MADE AN INCOMPLETE GROUND COUNT OF 129 HORSES. IN 1975 THE BUREAU OF LAND MANAGEMENT AGAIN PARTIALLY INVENTORIED THE HORSES BY HELICOPTER AND COUNTED 96. DURING 1977 THE TOIYABE NATIONAL FOREST INVENTORIED 387 HORSES IN 86 BANDS. IN 1978 THE COUNT DROPPED SUBSTANTIALLY. THE FOREST SERVICE INVENTORY WAS BASED ON NUMEROUS HELICOPTER FLIGHTS AND GROUND COUNTS AND IS MUCH MORE RELIABLE THAN PREVIOUS COUNTS. (SEE APPENDIX II)

DURING THE SEVERE WINTER OF 1977-78 LESS THAN 50 HORSES REMAINED WITHIN THE 1971 TERRITORY BOUNDARY. DEEP SNOW COVERED THE ENTIRE AREA. THE REMAINING HORSES WERE NOT FOUND. THE FLUCTUATION IN NUMBERS IS FELT TO BE DUE TO SHIFTS THAT OCCUR FROM OTHER TERRITORIES AS THE HERDS WINTER. THE OUTER LIMITS OF THE ACTUAL TERRITORY ARE UNDETERMINED. THE FOLLOWING CHARACTERISTICS WERE OBSERVED SPECIFICALLY ON THE MONTGOMERY PASS BANDS:

1. HERD CHARACTERISTICS

IN 1977 AND 1978 A DETAILED STUDY OF THE HERD WAS MADE. A POPULATION ESTIMATE WAS ACCOMPLISHED BY DESCRIBING THE RECOGNIZED BANDS AS TO COLOR, SEX, AND AGE GROUP OF EACH MEMBER (SEE APPENDIX I). DATA WAS COMPILED ON THE SIZE AND DISTRIBUTION OF THE HERD THROUGH GROUND SURVEY AND AERIAL OBSERVATION. AN OVERALL COUNT IN JUNE-AUGUST, 1977 ESTABLISHED THE HERD SIZE AT 387 HORSES. IT HAS BEEN SPECULATED THAT THERE MAY BE A SEASONAL MOVEMENT PATTERN OF BANDS FROM HERD BOUNDARIES TO OTHER HERD BOUNDARIES. AT THE CURRENT LEVEL OF ADMINISTRATION IT HAS NOT BEEN POSSIBLE TO LOCATE MOST OF THE HORSES IN THE WINTER. THE DAILY AND SEASONAL MOVEMENTS OF THE HORSES ARE POORLY UNDERSTOOD.

THE STUDY GAVE THE AGE, CLASS AND SEX COMPOSITION OF EACH KNOWN BAND IN THE HERD. AS THE FOLLOWING DATA SHOWS, 10.3% (40/387) OF THE HERD CONSISTS OF FOALS WHILE THERE WERE 20 SIGHTINGS OF YEARLINGS.

NATIONAL FOREST LAND EAST OF POWERLINE IS RECOMMENDED TO WILDERNESS PURSUANT TO RARE II. OBJECTIVES FOR MANAGEMENT IS TO DO SO IN A MANNER WHICH WILL PROTECT WILDERNESS VALUES.

K. WILD HORSES

WHEN THE WILD FREE-ROAMING HORSES AND BURROS ACT WAS SIGNED ON DECEMBER 15, 1971, THERE WERE AN ESTIMATED 70 HORSES IN THE MONTGOMERY PASS WILD HORSE TERRITORY. ON JUNE 21, 1973, THE INYO NATIONAL FOREST COUNTED 162. DURING THE SUMMER OF 1974 THE TOIYABE NATIONAL FOREST MADE AN INCOMPLETE GROUND COUNT OF 129 HORSES. IN 1975 THE BUREAU OF LAND MANAGEMENT AGAIN PARTIALLY INVENTORIED THE HORSES BY HELICOPTER AND COUNTED 96. DURING 1977 THE TOIYABE NATIONAL FOREST INVENTORIED 387 HORSES IN 86 BANDS. IN 1978 THE COUNT DROPPED SUBSTANTIALLY. THE FOREST SERVICE INVENTORY WAS BASED ON NUMEROUS HELICOPTER FLIGHTS AND GROUND COUNTS AND IS MUCH MORE RELIABLE THAN PREVIOUS COUNTS. (SEE APPENDIX II)

DURING THE SEVERE WINTER OF 1977-78 LESS THAN 50 HORSES REMAINED WITHIN THE 1971 TERRITORY BOUNDARY. DEEP SNOW COVERED THE ENTIRE AREA. THE REMAINING HORSES WERE NOT FOUND. THE FLUCTUATION IN NUMBERS IS FELT TO BE DUE TO SHIFTS THAT OCCUR FROM OTHER TERRITORIES AS THE HERDS WINTER. THE OUTER LIMITS OF THE ACTUAL TERRITORY ARE UNDETERMINED. THE FOLLOWING CHARACTERISTICS WERE OBSERVED SPECIFICALLY ON THE MONTGOMERY PASS BANDS:

1. HERD CHARACTERISTICS

IN 1977 AND 1978 A DETAILED STUDY OF THE HERD WAS MADE. A POPULATION ESTIMATE WAS ACCOMPLISHED BY DESCRIBING THE RECOGNIZED BANDS AS TO COLOR, SEX, AND AGE GROUP OF EACH MEMBER (SEE APPENDIX I). DATA WAS COMPILED ON THE SIZE AND DISTRIBUTION OF THE HERD THROUGH GROUND SURVEY AND AERIAL OBSERVATION. AN OVERALL COUNT IN JUNE-AUGUST, 1977 ESTABLISHED THE HERD SIZE AT 387 HORSES. IT HAS BEEN SPECULATED THAT THERE MAY BE A SEASONAL MOVEMENT PATTERN OF BANDS FROM HERD BOUNDARIES TO OTHER HERD BOUNDARIES. AT THE CURRENT LEVEL OF ADMINISTRATION IT HAS NOT BEEN POSSIBLE TO LOCATE MOST OF THE HORSES IN THE WINTER. THE DAILY AND SEASONAL MOVEMENTS OF THE HORSES ARE POORLY UNDERSTOOD.

THE STUDY GAVE THE AGE, CLASS AND SEX COMPOSITION OF EACH KNOWN BAND IN THE HERD. AS THE FOLLOWING DATA SHOWS, 10.3% (40/387) OF THE HERD CONSISTS OF FOALS WHILE THERE WERE 20 SIGHTINGS OF YEARLINGS.

2. FOLLOWING INSTINCT

HORSES BEING VERY SOCIABLE ANIMALS, ESTABLISH BONDS OF COMPANIONSHIP WITHIN GROUPS. FROM OBSERVATION IT APPEARS THAT THE LEAD MARE IN A BAND DICTATES NORMAL DAILY ACTIVITY, EXCEPT DURING PERIODS OF STRESS. SHE IS NORMALLY THE FIRST TO START TOWARDS WATER OR FORAGING AREAS WITH THE REST FOLLOWING. HORSES ARE ALSO CREATURES OF HABIT, THE LEAD MARE MOVING ALONG WORN PATHS THAT THEY HAVE ALWAYS TRAVELED. SHE INTIMATELY KNOWS ALL TRADITIONAL TRAILS AND AREAS OF USE. THE BLIND TRAP BELOW SAGEHEN SPRING WAS SET IN ONE OF THESE PATHS.

IN STUD GROUPS, THERE IS A DOMINANT STALLION AND THE OTHER STALLIONS WILL FOLLOW HIM. THESE GROUPS ARE VERY LOOSE KNIT WITH ANIMALS WANDERING BY THEMSELVES FOR SEVERAL DAYS BEFORE RETURNING.

3. SHADE TREES

SHADE TREES ARE IMPORTANT MAINLY DURING TRAVELING AND RESTING IN SUMMER MONTHS. THESE ARE EITHER PINYON PINES OR JUNIPERS, BEING SOLITARY TREES IN OPEN SAGEBRUSH FEEDING AREAS OR ONES IN FORESTS ALONG MAIN TRAVEL ROUTES. THEIR LOWER BRANCHES ARE BROKEN OFF WITH THE UPPER PORTION PROVIDING A CANOPY FROM THE MIDDAY SUMMER HEAT. THEY ARE ALSO USED AS SCRATCHING POSTS. DUE TO THE HEAVY CONCENTRATION OF HORSES AROUND THESE TREES, THERE IS A WELL WORN CIRCLE DEPRESSION DEVOID OF ANY VEGETATION, ALONG WITH LARGE AMOUNTS OF FECAL MATERIAL.

4. WATER HOLE BEHAVIOR

WHEN WATER BECOMES NEEDED, THE HORSES PROCEED TOWARDS THE SPRING IN SINGLE FILE, STARTING USUALLY IN THE AFTERNOON OR EVENING, AND REACHING THE SPRING AT SUNDOWN OR LATER. THE LEAD MARE ALMOST ALWAYS INITIATES THIS ACTION WITH OTHERS FOLLOWING. THE LEAD STALLION FOLLOWS THE BAND STAYING MANY YARDS BEHIND WHILE BEING ON EVER PRESENT ALERT. THEY WILL FEED ALONG THE WAY BUT USUALLY STOP FEEDING WHEN NEAR THEIR DESTINATION. UPON REACHING THE SPRING, THE LEAD STALLION WILL WALK AROUND IT BEFORE ANYONE DRINKS, AS IF TO CHECK OUT THE PLACE. HE WILL THEN STAND GUARD WHILE THE LEAD MARE AND THEN FOALS DRINK. THE OTHERS WILL THEN DRINK THEIR FILL WITH THE LEAD STALLION DRINKING LAST. BANDS NORMALLY LEAVE AT OR BEFORE SUNUP, BUT SOME REMAIN LONGER.

5. AVAILABLE FORAGE

THERE IS CONSIDERABLE EVIDENCE THAT SHOWS HABITAT DESTRUCTION AND RANGE DETERIORATION WHICH CAN BE ATTRIBUTED TO THE INCREASE OF

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THE VEGETATION WITHIN THESE KEY AREAS HAS CHANGED DRASTICALLY DUE TO GRAZING BY LIVESTOCK AND HEAVY HORSE USE. LIVESTOCK HAVE NOT GRAZED THESE KEY AREAS FOR THE LAST FOUR OR FIVE YEARS AND THE DOWNWARD TREND IS VERY NOTICEABLE. IN THE VERY POOR AREAS BARE GROUND IS 70-80 PERCENT WITH SOIL DISTURBANCE. DUE TO HEAVY GRAZING, BRUSH IS INCREASING AND THE MAIN GRASSES ARE SCATTERED CLUMPS OF GREAT BASIN WILDRYE, AND SQUIRRELTAIL.

L. SAFETY

WILD HORSES ON HIGHWAYS 6 AND 10 POSE A THREAT TO MOTORISTS WHEN STRUCK BY VEHICLES. THE USE OF HELICOPTERS AND SADDLE HORSES POSE A THREAT TO AGENCY ADMINISTRATORS AND CONTRACTORS DURING HORSE MANAGEMENT OPERATIONS.

M. WATERSHED

THE AREA IS DIVIDED BETWEEN SEVERAL WATERSHEDS WHICH ARE KNOWN AS MONO BASIN, ADOBE VALLEY, BENTON VALLEY, QUEEN VALLEY AND TEELS MARSH. THERE IS NO MAJOR SURFACE RUNOFF, DUE TO SOIL CHARACTERISTICS, EXCEPT TO THE SOUTHEAST IN TRUMAN CANYON AND WEST QUEEN CANYON.

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SHEET EROSION WAS VERY EVIDENT AFTER A HIGH INTENSITY JULY STORM IN 1978. GULLY EROSION IS MAINLY ASSOCIATED WITH THE MEADOW TYPES. THIS HAS LOWERED THE WATER TABLE AND CAUSED A CONVERSION TO RABBITBRUSH AND SALT GRASS.

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BARRIERS. GEOGRAPHIC FEATURES ARE FREQUENTLY USED TO CONTROL LIVESTOCK. THEIR USE CONTRIBUTES TO A LOWER INVESTMENT IN RANGE IMPROVEMENTS.

3. CURRENT AND POTENTIAL CAPACITY

CURRENT - PAST RECORDS OF THE HUNTOON, MCBRIDE FLAT AND PIZONA ALLOTMENTS INDICATE THAT CURRENT CAPACITY OF THE MAJOR LIVESTOCK RANGES IS ABOUT 1048 ANIMAL MONTHS (EXCLUSIVE OF WILD HORSE USE).

POTENTIAL - OPPORTUNITIES TO EXPAND BEYOND THE CURRENT CAPACITY AT THIS TIME IS LIMITED. IDENTIFICATION OF THE AREA AS A CANDIDATE FOR WILDERNESS CLASSIFICATION HAS FOREGONE TYPE CONVERSION AND REVEGETATION PROGRAMS.

4. SUMMARY - SEE FIGURE IV

RANGE	AUM'S	SEASON	LIVESTOCK CLASS
A. PIZONA (INACTIVE)	368	6/1 - 9/30	CATTLE
B. MCBRIDE FLAT	488	6/1 - 9/30	CATTLE
C. HUNTOON VALLEY	100	12/16-4/15	CATTLE

D. JACKS SPRING RANGE - THE AREA IS CLOSED TO DOMESTIC LIVESTOCK GRAZING TO AVOID COMPETITION WITH DEER. MULTIPLE USE PLAN, BRIDGEPORT RANGER DISTRICT, TOIYABE NATIONAL FOREST.

E. THE ADOBE VALLEY IS LOCATED TO THE SOUTHWEST. THE FRINGE AREA IS PART OF THE ADOBE VALLEY CATTLE ALLOTMENT AND LITTLE ADOBE SHEEP ALLOTMENT.

F. THE NORTHEAST PORTION OF THE TERRITORY IS PART OF THE HUNTOON, MARIETTA AND BASALT GRAZING AREAS.

O. RANGE CONDITION

THE KEY AREAS, OPEN SAGEBRUSH GRASSLANDS AND MEADOWS, RECEIVE THE HEAVIEST IMPACTS FROM THE CONTINUED GRAZING. IN THE SUMMER MONTHS WHEN WATER BECOMES SCARCE THERE IS SEVERE TRAMPLING AT MOST SPRINGS.

DURING THE SUMMER OF 1978 A RANGE ANALYSIS SURVEY WAS CONDUCTED ON KEY RANGES. ALMOST ALL THE KEY RANGE IS IN POOR CONDITION WITH A DOWNWARD TREND. SOME WET MEADOWS WERE RECORDED TO BE IN GOOD CONDITION. THIS MAY BE ATTRIBUTED TO THE ABUNDANT MOISTURE RECEIVED DURING THE PAST WINTER AND THE WILD HORSE PREFERENCE FOR BUNCHGRASS FORAGE.

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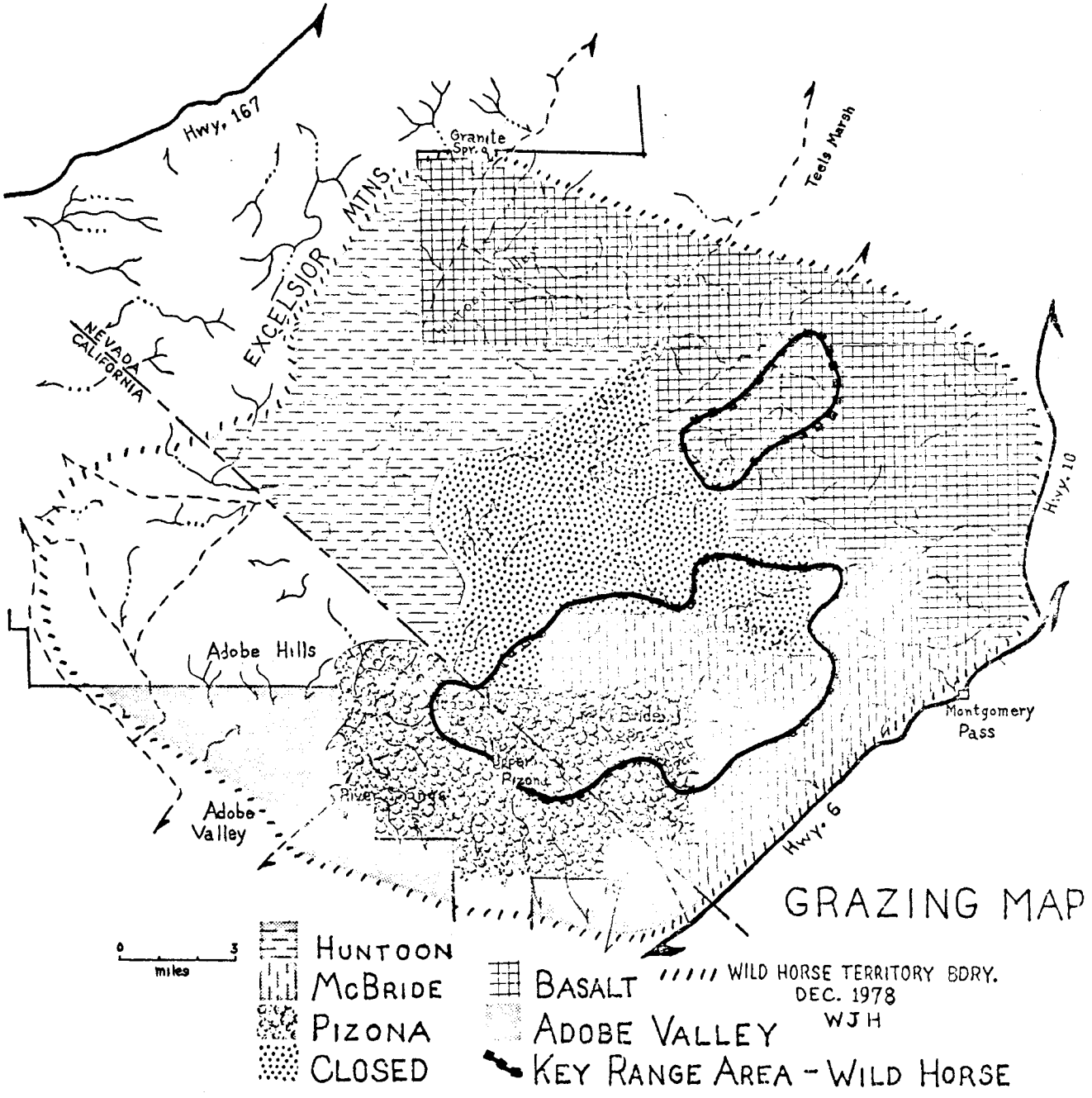
Hwy. 167
Granite Spr.
Teels Marsh
EXCELSIOR MTNS.
NEVADA
CALIFORNIA
Hwy. 10
Adobe Hills
Montgomery Pass
Upper Pizona
Adobe Valley
Hwy. 6
GRAZING MAP
0 3 miles
HUNTOON
McBRIDE
PIZONA
CLOSED
BASALT
ADOBE VALLEY
KEY RANGE AREA - WILD HORSE
WILD HORSE TERRITORY BDRY. DEC. 1978 WJH

Figure III V

D. PASSES TESTS OF FEASIBILITY:

.LEGAL
.TECHNICAL
.FINANCIAL
.POLITICAL

E. PROVIDES FOR OTHER LAND USES AT LEVELS DESCRIBED IN THE MANAGEMENT DIRECTION OF THE MULTIPLE USE MANAGEMENT PLAN FOR THE AREA.

F. ACCEPTABILITY BY THE PUBLIC AGENCIES RESPONSIBLE FOR MANAGEMENT OF THE WILD HORSE TERRITORY.

G. DOES NOT IMPAIR WILDERNESS VALUES OF PROPOSED EXCELSIOR WILDERNESS.

V. ALTERNATIVES

BASED UPON THE PREVIOUSLY MENTIONED EVALUATION CRITERIA AND THE AUTHORITY STATED IN THE INTRODUCTION, THE FOLLOWING ALTERNATIVES WERE DEVELOPED:

A. NO ACTION - THE WILD HORSE HERDS WOULD CONTINUE TO GROW AND EXPAND AS THEY HAVE SINCE 1971.

B. 1971 NUMBERS - APPROXIMATELY 330 HORSES WOULD BE REMOVED TO LEAVE 70 HORSES. THIS IS THE NUMBER OF HORSES FOUND WITHIN THE TERRITORY IN 1971. TREND STUDIES WOULD CONTINUE TO BE READ AND NEW STUDIES INSTALLED AND MONITORED. THE HERD SIZE MAY BE ADJUSTED BASED ON RANGE TREND. REFINEMENT OF WINTER RANGES WILL CONTINUE UTILIZING APPROPRIATE SURVEY TECHNIQUES. FIRE AND FUELWOOD MANAGEMENT CREATES GRASSY OPENINGS IN THE PINYON. THESE AREAS PROVIDE IMPROVED FORAGE AREAS. VEHICLES ARE RESTRICTED TO EXISTING ROADS. FOREST WOULD BE ALLOCATED TO PROVIDE FOR THE 70 HORSES AS THE RANGE CONDITIONS IMPROVE AND/OR AS NEW GRAZING IS CREATED IN PINYON-JUNIPER OPENINGS OR BY SPRING DEVELOPMENTS. WHERE POSSIBLE, AREAS WILL BE RESTED THROUGH WATER SOURCE CLOSURES.

C. PRESENT CAPACITY - HORSES WOULD BE REMOVED TO LEAVE 50 HORSES. BASED ON RANGE ANALYSIS DATA THIS IS THE NUMBER OF HORSES THAT THE PRESENT KEY RANGES CAN SUPPORT. THE REMAINDER OF THIS ALTERNATIVE IS THE SAME AS (B) ABOVE.

D. REMOVE ALL HORSES - THIS ALTERNATIVE WOULD BE FOR THE ELIMINATION OF THE WILD HORSE HERD.

VI. EFFECTS OF IMPLEMENTATION

THE ALTERNATIVES WERE ANLAYZED IN TABLE 1 BY ASSESSING THEIR EFFECT ON

OUTPUTS, COST, PHYSICAL, BIOLOGICAL, ECONOMIC CHANGES AS EVALUATED AGAINST THE OBJECTIVES, POLICY, AND OTHER EVALUATION CRITERIA.

THE FOLLOWING ASSUMPTIONS WERE USED IN ESTIMATING THE EFFECTS OF IMPLEMENTATION:

A. FLOW OF SPRINGS CAN BE REDUCED BY HORSE OR CATTLE TRAMPLING.

B. RANGE CONDITIONS WILL IMPROVE THROUGH PROPER USE AND BY RESTING SOME AREAS, BY ROTATING WATERING LOCATIONS.

C. THE DEMAND FOR LIVESTOCK GRAZING WILL INCREASE AND LIVESTOCK GRAZING OVER THE NEXT FIVE YEARS WILL PROBABLY INCREASE OVER RECENT YEARS.

D. THE HERD SIZE WILL CONTINUE TO EXPAND AT APPROXIMATELY 10 PERCENT PER YEAR.

E. HORSES ARE DETRIMENTAL TO CULTURAL RESOURCE SITES THROUGH TRAMPLING.

F. SUFFICIENT FORAGE WILL BE LEFT FOR DEER WINTER RANGE BY ALLOCATING ONLY GRASS AND FORBS TO THE HORSES. COMPETITION IN THE NEAR FUTURE BETWEEN HORSES AND DEER WILL BE MINIMAL DUE TO DIFFERENCE IN FORAGE PREFERENCE.

G. MOST OF THE RECREATION USE IN THE KEY HORSE AREAS IS RELATED TO THE WILD HORSES.

1. ALTERNATIVE A

THE 'NO ACTION' ALTERNATIVE RATED VERY LOW BECAUSE THE CONTINUING INCREASE OF HORSE NUMBERS WOULD RAPIDLY DETERIORATE THE SOIL AND VEGETATIVE CONDITIONS. THIS WOULD RESULT IN A SIGNIFICANT DECREASE OF LIVESTOCK FORAGE, WILDLIFE FOOD AND COVER, AND SPRING FLOW. CULTURAL RESOURCE SITES WOULD CONTINUE TO BE IMPACTED. A DOWNWARD RANGE TREND WOULD BE INFLUENCED BY CURRENT USES AND CLIMATIC CYCLES. THE OCCURRENCE OF DESIREABLE FORAGE PLANTS; GRASSES AND FORBES, WOULD BECOME LESS ABUNDANT. THE AMOUNT OF BARE OR EXPOSED SOIL WOULD INCREASE. THE DECLINE IN RANGE CONDITION AND PRODUCTIVITY WOULD TAKE PLACE BEFORE THE CASUAL OBSERVER WOULD NOTICE ANY SIGNIFICANT DECLINE IN HEALTH OR CONDITION OF ANIMALS USING THE RANGE. UNDER EXTREME CONDITIONS THERE WOULD BE MOVEMENT OF SOIL PARTICLES, BUT DEGREE OF MOVEMENT COULD DIFFER BY LOCAL SITE DUE TO TERRAIN AND VEGETATIVE COVER.

2. ALTERNATIVE B

THE ALTERNATIVE TO REDUCE TO 1971 NUMBERS FOLLOWED BY STOCKING BASED ON RANGE TREND EVALUATIONS RATED FAIRLY HIGH BECAUSE OF

THE FAVORABLE IMPACT ON THE RESOURCES. DECLINING RANGE AND WATERSHED CONDITIONS WOULD BE ARRESTED AND THEN THEY WOULD IMPROVE. THE AREA WOULD BE MORE AESTHETICALLY PLEASING BECAUSE THE HEAVY USE AND TRAMPLING WOULD BE ELIMINATED, AND THE HORSES WOULD STILL GIVE THE AREA A FLAVOR OF THE 'OLD WEST'. THE SPRINGS COULD BE MANAGED TO ENHANCE AN IMPROVED SYSTEM OF GRAZING USE. ADDITIONAL WATER DEVELOPMENTS WOULD BENEFIT WILDLIFE AS WELL AS HORSES. A MODIFICATION OF TOTAL SUPPRESSION EFFORTS ON WILDFIRES WILL ALLOW MODIFICATION OF DENSE PINYON-JUNIPER STANDS. THE OPENINGS WOULD RESULT IN ADDITIONAL FORAGE FOR GRAZING ANIMALS. CURRENT LIVESTOCK GRAZING WOULD CONTINUE AND THE OPTION FOR INCREASED USE IN FUTURE YEARS EXISTS.

COST OF IMPLEMENTING THIS ALTERNATIVE WOULD BE SUBSTANTIAL DUE TO THE HIGH COST OF GATHERING AND DISPOSING OF THE HORSES. FOLLOW-UP STUDIES WILL BE EXPENSIVE AND TIME-CONSUMING.

3. ALTERNATIVE C

THE ALTERNATIVE TO REDUCE THE HORSES TO THE PRESENT CAPACITY (190 HORSE MONTHS) OF THE KEY AREAS RESULTED IN THE HIGHEST RATING BECAUSE OF THE ADDED RESOURCE BENEFITS OVER AND ABOVE THOSE IN ALTERNATIVE B. AN ADDITIONAL ~~40~~ 20 HORSES WILL BE REMOVED OR A 57 PERCENT REDUCTION FROM THE 1971 NUMBERS. THE DRAMATIC IMPROVEMENT IN RANGE AND WATERSHED CONDITIONS WOULD BE WITHIN THE RANGES OF ALTERNATIVE A AND B. THERE WOULD BE IMPROVEMENT BETWEEN B AND C. THE HERD SIZE MAY BE REDUCED TO A POINT WHERE THE HORSES MIGHT NOT BE EASILY SEEN BY VISITORS. THE 190 HORSE MONTHS REPRESENTS TOTAL CAPACITY OF THE KEY AREAS FOR UNGULATES EXCLUSIVE OF DEER. THE OPPORTUNITY FOR GRAZING AVAILABLE FORAGE IN EXCESS OF THE WILD HORSE NEEDS BY LIVESTOCK EXISTS.

4. ALTERNATIVE D

THE 'NO HORSE' ALTERNATIVE RATED FAIRLY HIGH BECAUSE OF THE RESOURCE IMPROVEMENT. TO MEET POLICY WITH THIS ALTERNATIVE WE WOULD HAVE TO DEMONSTRATE THAT ANY HORSE USE IN THE TERRITORY WOULD BE A SIGNIFICANT ADVERSE IMPACT ON THE RESOURCE. WE WOULD HAVE TO SHOW THAT A THRIVING ECOLOGICAL BALANCE COULD NOT BE MAINTAINED IF HORSES WERE PRESENT. THIS ALTERNATIVE WOULD BE VERY COSTLY, BUT OF SHORT DURATION, SINCE 100 PERCENT OF THE HORSES WOULD HAVE TO BE REMOVED. THE RECREATION USE, WHICH IS ESTIMATED AS 65 PERCENT HORSE VIEWING, WOULD BE LOST.

SUMMARY TABLE - ANALYSIS OF EFFECTS

WEIGHTED IMPORTANCE

1 = Very Low
2 = Low
3 = Moderate
4 = High
5 = Very High

Effect / Weight | Score

Effect

-5 = Most Detrimental
0 = No Benefits
+5 = Most Beneficial

Element	(A) No Action		(B) 1971 Nos.		(C) Present Capacity		(D) No Horses	
Soil	-5 / 5	-25	+2 / 5	+10	+3 / 5	+15	+4 / 5	+20
Water Springs	-5 / 5	-25	+3 / 5	+15	+4 / 5	+20	+5 / 5	+25
Wildlife	-5 / 5	-25	+3 / 5	+15	+4 / 5	+20	+5 / 5	+25
Vegetation	-5 / 5	-25	+3 / 5	+15	+4 / 5	+20	+5 / 5	+25
Visual Resources	-3 / 1	-3	+2 / 1	+2	+2 / 1	+2	0 / 1	0
Archaeology	-5 / 2	-10	-2 / 2	-4	-1 / 2	-2	+1 / 2	+2
Timber	0 / 2	0	+2 / 2	+4	+2 / 2	+4	0 / 2	0
Livestock	-5 / 4	-20	-2 / 4	-8	-1 / 4	-4	0 / 4	0
Recreation	+3 / 4	+12	-1 / 4	-4	-4 / 4	-16	-5 / 4	-20
Fire Management	0 / 2	0	+3 / 2	+6	+3 / 2	+6	0 / 2	0
Management Direction	-5 / 5	-25	+5 / 5	+25	+5 / 5	+25	-5 / 5	-25
Endangered Plants	-5 / 5	-25	+2 / 5	+10	+3 / 5	+15	+4 / 5	+20
Watershed	-5 / 5	-25	+4 / 5	+20	+5 / 5	+25	+5 / 5	+25
Construction Implementation	+5 / 5	+25	-4 / 5	-20	-5 / 5	-25	-5 / 5	-25
TOTAL		-171		86		105		72

TABLE I

SUMMARY TABLE - EVALUATION OF ALTERNATIVES

CRITERION	ALTERNATIVES A	B	C	D
1. Maintains soil and vegetative productivity.	1	3	3	4
2. Maintains compatability of wild horses with wildlife and livestock.	1	3	2	4
3. Results in the least adverse environmental effects on the physical and biological environment.	1	4	3	3
4. Passes the tests of feasibility legal technical financial political	1	3	2	1
5. Provides for other land uses at levels described in the management direction of the Multiple Use Management Plan for the area.	2	3	3	1
6. Acceptability by the public agencies responsible for management of the Wildhorse Territory.	1	4	3	1
SUMMARY	7	19	16	14

KEY: 4 = Most significant response to evaluation criteria
3 = Significant response to evaluation criteria
2 = Least significant response to evaluation criteria
1 = Insignificant response to evaluation criteria

TABLE 2

VII. IDENTIFICATION OF PREFERRED ALTERNATIVE

ALTERNATIVE C WAS SELECTED. THIS ALTERNATIVE PROVIDES FOR REDUCING THE HERD TO THE ESTIMATED CAPACITY OF 30 HORSES ON KEY RANGES AND MAINTAINING THE 20 HORSES THAT ARE NOT ON KEY RANGE. THE NON-KEY AREAS ARE USED LESS THAN CAPACITY, BUT IT IS NOT REASONABLE TO TRY AND PUSH THE EXCESS HORSES INTO THESE AREAS. IT IS POSSIBLE THAT THE FRINGE HORSES WILL MOVE ON TO KEY RANGES AND WILL HAVE TO BE REMOVED EVENTUALLY. THE STOCKING WILL BE DEPENDENT ON TREND STUDIES AND THE AMOUNT OF LIVESTOCK USE.

VIII. MANAGEMENT REQUIREMENTS

REQUIREMENT	RESPONSIBLE PARTY
A. MAINTAIN WILDERNESS CHARACTER OF PROPOSED EXCELSIOR WILDERNESS AREA.	INYO & TOIYABE
B. MANAGE HORSE, WILDLIFE, AND LIVESTOCK GRAZING SO LAND IS RETURNED TO SATISFACTORY ECOLOGICAL CONDITION. TREND ON THE FOLLOWING SITE MUST BE UPWARD WITH CONDITION CLASSES FAIR OR BETTER:	
1. SAGEHEN, SE1/4, SEC. 30, T.2N.,R.32E	
2. JACKS SPRING CANYON, NW1/4, SEC. 5, T.2N.,R.32E	
3. MCBRIDE, NW1/4, SEC. 2, T.1N., R.31E.	
4. UPPER PIZONA, SW1/4, SEC. 3, T.1N., R.31E.	
5. TRENCH CANYON, SW1/4, SEC. 34, T.2N., R.31E.	
6. BIG PINYON, NE1/4, SEC. 20, T.2N.,R.32E	
C. DETERMINE WINTER DISTRIBUTION PATTERNS.	U.S.F.S. INYO & TOIYABE

D. CONTINUE TO USE AERIAL AND GROUND SURVEYS TO BETTER DEFINE NUMBERS, REPRODUCTION RATES, SEASONAL DISTRIBUTION. DOCUMENT:

1. AVERAGE AGE OF FIRST SUCCESSFUL FOALING.
2. AVERAGE NUMBER OF FOALS PER FOALING.
3. REPRODUCTION RATE OF MARES OF REPRODUCTION AGE.
4. SURVIVAL RATES.
5. AVERAGE LONGEVITY OF ANIMALS.

6. REPRODUCTIVE RATE BY AGE CLASS.

7. SEX RATIOS.

E.	RANGE ANALYSIS SHOULD BE COMPLETED FOR THE TERRITORY.	ALL
F.	INSTALL TREND STUDIES ON KEY RANGE (SEE ITEM 2).	ALL
G.	COMPLETE FECAL ANALYSIS TO DETERMINE WINTER FEEDING HABITS. RESULTS WILL DETERMINE HOW MUCH DIRECT COMPETITION FOR FORAGE EXISTS BETWEEN HORSES AND DEER.	INYO N.F., NEV. BLM
H.	OPENINGS SHOULD BE CREATED IN FORESTED AREAS BY ALLOWING WILDFIRES TO BURN UP TO 100 ACRES.	ALL (PENDING MPF BY BLM)
I.	PRIVATE LAND UPON WHICH SPRINGS ARE LOCATED AS WELL AS KEY RANGE WILL BE LISTED BY PRIORITY FOR INCLUSION INTO LAND EXCHANGE AND/OR PURCHASE PROGRAM.	ALL
J.	DEVELOPED WATER SOURCES WILL ALLOW FOR CONTROL OF HORSE USE.	ALL

AFTER THE STUDIES CALLED-FOR IN ITEMS B-G ARE SUFFICIENTLY COMPLETED, DEVELOP OPERATING AND CAPTURE PLANS THAT WILL:

K.	REMOVE ALL HORSES EXCEPT 50 BY USING BLIND AND/OR WATER TRAPS AND HELICOPTER. HORSE NUMBERS WILL BE ADJUSTED UP OR DOWN BASED ON TREND STUDIES AND ALLOCATIONS OF FORAGE TO WILDLIFE AND STOCK IN ADDITION TO WILD HORSES.	ALL
L.	ALLOCATE ADEQUATE HABITAT AND FORAGE TO MAINTAIN EXISTING WILDLIFE. A MINIMUM OF 50 HORSES SHOULD BE MAINTAINED BEFORE ADDITIONAL GRAZING IS ALLOCATED.	ALL
M.	REQUIRE CAPTURED ANIMALS WHICH ARE SOUND TO BE PLACED WITH PRIVATE PARTIES THROUGH THE BLM ADOPTION PROGRAM AT BISHOP, CA.	BLM
N.	REQUIRE UNSOUND ANIMALS TO BE DISPOSED OF IN THE MOST HUMANE MANNER POSSIBLE.	F.S.
O.	USE PHOTOGRAPHS TO DOCUMENT CAPTURED HORSES AND YOUNG COLTS TO PROVIDE HERD DATA.	ALL
P.	PROVIDE PROTECTION TO THE WILD HORSE RESOURCE AS PROVIDED BY APPROPRIATE LAWS AND REGULATIONS.	ALL

OTHER MANAGEMENT REQUIREMENTS:

Q.	THIS MANAGEMENT PLAN WILL BE REVIEWED FOR REVISION BY THE FOUR PARTICIPATING AGENCIES BY 1990.	ALL
R.	KEEP STATE WILDLIFE BIOLOGISTS INFORMED AS WE CARRYOUT OUR MANAGEMENT PROGRAM AND ENCOURAGE ASSISTANCE IN EVALUATION AND PLANNING.	ALL
S.	AN ANNUAL WILD HORSE OPERATING PLAN WILL BE PREPARED BASED ON POPULATION AND RANGE CONDITIONS DATA AND THE SUCCESS OF CAPTURE PROGRAMS.	ALL
T.	A COOPERATIVE AGREEMENT OR MEMORANDUM OF UNDERSTANDING WILL BE SIGNED BY EACH AGENCY TO IMPLEMENT MANAGEMENT PLAN.	ALL

YEAR	JANUARY POPULATION	NUMBER REMOVED	POPULATION AFTER REDUCTION	SPRING POPULATION INCREASE*	FALL POPULATION
1980	400	100	300	45	345
1981	345	100	245	37	282
1982	282	100	182	27	209
1983	209	100	109	16	125
1984	125	70	55	8	63
1985	63	0	63	9	72
1986	72	0	72	11	83
1987	83	0	83	12	95
1988	95	35	60	9	69
1989	69	0	69	10	79
1990	79	0	79	12	91
1991	91	25	66	10	76
1992	76	0	76	11	87
1993	87	0	87	13	100
1994	100	40	60	9	69

*ASSUME 15% ANNUAL HERD INCREASE (COLT CROP MINUS DEATH LOSS).

V. HORSES TO BE ADOPTED WILL BE FOREST SERVICE AND BLM MARKED FOR IDENTIFICATION USING THE NATIONAL SYSTEM. ALL

W. CAPTURED HORSES WILL BE HELD AT THE FACILITIES ON EAST LINE STREET, IN BISHOP. ALL ANIMALS WILL BE EXAMINED BY A VETERINARIAN FOR DEFECTS AND HEALTH. ALL

X. REQUEST THAT U.S.F.S AND B.L.M. ADJUST BOUNDARIES AS SHOWN IN PLANS. ALL

IX. CONSULTATION WITH OTHERS

FRED SMITH - NEVADA FISH AND GAME
MORRIS ANDERSON - CALIFORNIA FISH AND GAME

A MEETING WAS HELD AT TRUMAN MEADOWS, WITH REPRESENTATIVES FROM INYO AND TOIYABE NATIONAL FORESTS, CARSON BLM AND NEVADA AND CALIFORNIA FISH AND GAME, JUNE 16-17, 1977, TO DETERMINE WILD HORSE PARAMETERS ON LANDS ADMINISTERED BY FOREST SERVICE AND BLM AND TO IDENTIFY RANGE CARRYING CAPACITY AS IT RELATES TO OTHER RANGE USERS. THE FISH AND GAME WANTED MOST OF THE HORSES REMOVED.

JOHN STECHMAN - ANIMAL SCIENCE DEPARTMENT, CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO, CALIFORNIA.

HE THOUGHT THAT THE HORSES PROVIDED SOMETHING NICE TO LOOK AT, BUT THOUGHT THEY WERE DESTROYING THE RANGE.

Dr. Roy Harris - Animal Science Department, California Polytechnic State University, San Luis Obispo, California.

He was much interested in maintaining the horse as part of our heritage. He also thought there must be some degree of genetic inbreeding in horses which are confined to a certain region with no immigration and emigration.

Wild Horse Forum 1978 - Passed resolution to bring horse numbers in line with carrying capacity.

Willie Molini - Nevada Fish and Game

He stated that wild horses were destroying deer winter range and disturbing other wildlife species.

Dr. Hanson - Natural Resources Mangement Department, California Polytechnic State Universtiy, San Luis Obispo, California.

He was concerned with wildlife habitat disturbance with general interest about wild horselife history.

Recreationists - Excelsior Mountains

They generally traveled through the Wild Horse Territory to see the wild horses and observe indian artifacts. They wanted to continue to see the horses.

Local Citizens

Many people were personally contacted and interviewed on history and background events for preparing the brief narrative on evolution of wild horses on the Montgomery Pass Territory. Each agency participated in this task and it is beyond our means to acknowledge each response.

X. FINDING OF NO SIGNIFICANT IMPACT

This plan includes 207,291 acres of public and private land of which 98.5 percent is public land administrated by the Bureau of Land Management and the Forest Service.

Most of the area is included within the Excelsior Roadless Area (04-989 and 05-989) recommended for wilderness through the Roadless Area Review and Evaluation Process (RARE II). The administration formally recommended this area be classified as wilderness on April 16, 1979. This land allocation decision is documented in the Final Environmental Statement, (FES) issued January 4, 1979 and is available for review at all Forest Service offices.

Through use of the "Tiering" procedure described in Section 1502.20 of regulations developed by the Council of Environmental Quality on NEPA, the issues are narrowed in this plan to describe those actions necessary to meet the land management objectives for Wilderness. The environmental assessment does not indicate there will be any significant effect on the human environment and an Environmental Impact Statement is not needed for the following reasons:

A. Most of the area has been allocated to Wilderness per the RARE II Final Environmental Statement. This plan provides for management of wild horses to protect the wilderness resource.

B. The removal of horses to a carrying capacity of 190 horse months will greatly improve environmental conditions.

C. No irretrivable or irreversible commitment of resources will be made.

d. There are no apparent adverse cumulative or secondary effects.

APPENDIX I

Horse #1 — Solitary or Band #5

COLOR: White-slightly mottled
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-light grey Tail-light grey
MARKINGS: Facial-none Body-black left arm
Feet: LR-white LF-white
RR-white RF-white
CONDITION: ribs showing
PHOTO: Roll #1, frame #6; Roll #12, frame #2
OBSERVATION #: 1, 4, 8, 11, 12, 24

Horse #2 — Band #1

COLOR: Buckskin-brownish white
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & strip
Feet: LR-sock LF-black
RR-sock RF-black
CONDITION: Good
PHOTO: Roll #1, frame #8-11; Roll #18, frame #8-11
OBSERVATION #: 2

Horse #3 — Band #1

COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-strip & snip
Feet: LR-sock LF-red
RR-red RF-red
CONDITION: Good
PHOTO: Roll #1, frame #8-11; Roll #18, frame #11
OBSERVATION #: 2

Horse #4 — Band #1

COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #8-11; Roll #18, frame #11
OBSERVATION #: 2

Horse #5 Band #1
COLOR: Buckskin-light brown-black
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-None
Feet: LR-sock LF-black
RR-sock RF-black
CONDITION: Good
PHOTO: Roll #1, frame #8-11; Roll #18, frame #11
OBSERVATION #: 2

Horse #6 Band #1
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-snip
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #8-11; Roll #18 frame #11
OBSERVATION #:

Horse #7 Band #1
COLOR: Grey
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-white blaze body scar right flank
Feet: LR-½ pastern LF-grey
RR-½ pastern RF-grey
CONDITION: Good
PHOTO: Roll #1, frame #8-11; Roll #18, frame #11
OBSERVATION #: 2, 18

Horse #8 Band #2
COLOR: Bay
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #18
OBSERVATION #: 3

Horse #9 Band #2
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #18
OBSERVATION #: 3

Horse #10 Band #2
COLOR: Sorrel-brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #18
OBSERVATION #: 3

Horse #11 Band #3
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-sock
CONDITION: Ribs showing
PHOTO: Roll #18, frame #2
OBSERVATION #: 5

Horse #12 Band #3
COLOR: Bay-dark brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Ribs showing
PHOTO: Roll #18, frame #2
OBSERVATION #: 5

Horse #13 Band #3

COLOR: Buckskin
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #18, frame #2
OBSERVATION #: 5

Horse #14 Band #4

COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION: All black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #15 Band #4

COLOR: Bay-brown
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #16 Band #4

COLOR: Sorrel-dark brown
CLASS: Adult
SEX:
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #17 Band #4
COLOR: Bay-red
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #18 Band #4
COLOR: Bay-brown-black
CLASS: Adult
SEX:
DESCRIPTION: Almost black in color
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #19 Band #4
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #20 Band #4
COLOR: Bay
CLASS: Foal of #18
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #21 Band #4
COLOR: Sorrel-brown
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #22 Band #4
COLOR: Bay
CLASS: Foal of #21
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #23 Band #4
COLOR: Sorrel-brown
CLASS: Yearling
SEX:
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #24 Band #4
COLOR: Black
CLASS: Yearling
SEX:
DESCRIPTION: All black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO: Roll #3, frame #1
OBSERVATION #: 6, 39

Horse #25 Band #5
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR- LR-
RR- RF-
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 12, 19

Horse #26 Band #5
COLOR: Black
CLASS: Adult
SEX:
DESCRIPTION: All black
MARKINGS: Facial-star & snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 12, 19

Horse #27 Band #5
COLOR: Sorrel-brown
CLASS: Adult
SEX:
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-none
Feet: LR-brown LF-brown
RR-brown RF-brown
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 12, 19

Horse #28 Band #5
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-strip & snip
Feet: LR-sock LF-red
RR-red RF-red
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 12, 19

Horse #29 Band #6
COLOR: Sorrel
CLASS: Yearling (?)
SEX:
DESCRIPTION: Mane-light Tail-light
MARKINGS: Facial-blaze
Feet: LR-red LF-red
RR-red RF-red
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION: 7, 11, 45

Horse #30 Band #6
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-large snip
Feet: LR-stocking LF-sock
RR-sock RF-sock
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 11, 45

Horse #31 Band #6
COLOR: Bay
CLASS: Adult (?)
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 11, 45

Horse #32 Band #6
COLOR: Bay-darker
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 11, 45

Horse #33 Band #6
COLOR: Sorrel-darker brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-small star
Feet: LR-brown LF-brown
RR-pastern RF-brown
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION #: 7, 11, 45

Horse #34 Band #6
COLOR: Sorrel-darker brown
CLASS: Adult
SEX:
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-none Body-scar left side of barrel
Feet: LR-brown LF-brown
RR-brown RF-brown
CONDITION: Good
PHOTO: Roll #1, frame #18-20
OBSERVATION: 7, 11, 45

Horse #35 Band #7
COLOR: White
CLASS: Adult
SEX:
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-none Body-few grey spots
Feet: LR-white LF-white
RR-white RF-white
CONDITION: Good
PHOTO:
OBSERVATION #: 9, 14, 16, 27, 43

Horse #36 Band #7
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: (9, 14, 16, 27, 43

Horse #37 Band #7
COLOR: Bay
CLASS:
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 9, 14, 16, 27, 43

Horse #38 Band #7
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 9, 14, 16, 27, 43

Horse #39 Band #7
COLOR: Bay
CLASS: Yearling
SEXL
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 9, 14, 16, 27, 43

Horse #40 Band #7
COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION: All black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 9, 14, 16, 27, 43

Horse #41 Band #7
COLOR: Bay-dark
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 9, 14, 16, 27, 43

Horse #42 Band #8
COLOR: Bay
CLASS: Adult
SEX: Female (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-small star
Feet: LR-light LF-light
RR-light RF-sock
CONDITION: Good
PHOTO: Roll #1, frame #13-16, 36; Roll #2, frame #1; Roll #13, frame #14-20
OBSERVATION #: 10, 13, 22, 25, 30, 32, 34

Horse #43 Band #8
COLOR: Buckskin
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
(most of tail is missing)
MARKINGS: Facial-small star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #13-16, 36; Roll #2 frame #1; Roll #15, frame #14-20
OBSERVATION #: 10, 13, 22, 25, 30, 32, 34

Horse #44 Band #8
COLOR: Sorrel-brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-star
Feet: LR-brown LF-sock
RR-brown RF-sock
CONDITION: Good
PHOTO: Roll #1, frame #13-16, 36; Roll #2, frame #1; Roll #15, frame #14-20
OBSERVATION: 10, 13, 22, 25, 30, 32, 34

Horse #45 Band #9
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #21-23
OBSERVATION #: 15, 17

Horse #46 Band #9
COLOR: Buckskin-light gold
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: FR-sock LF-black
RR-sock RF-black
CONDITION: PLUMP
PHOTO: Roll #1, frame #21-23
OBSERVATION #: 15, 17

Horse #47 Band #9
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-re
MARKINGS: Facial-star, strip & snip
Feet: LR-sock LF-red
RR-red RF-red
CONDITION: Good
PHOTO: Roll #1, frames #21-23
OBSERVATION #: 15, 17

Horse #48 Band #9
COLOR: Buckskin-brownish white
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-sock LF-black
RR-sock RF-black
CONDITION: Good
PHOTO: Roll #1, frame #21-23
OBSERVATION: 15, 17

Horse #49 Band #9
COLOR: Bay-light red
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-snip
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #1, frame #21-23
OBSERVATION #: 15, 17

Horse #50 - Band #10
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-brown
MARKINGS: Facial-star, strip & snip
Feet: LR-sock LF-red
RR-red RF-sock
CONDITION: Good
PHOTO: Roll #1, frame #24-28; Roll #2, frame #19-20; Roll #12, frame #8
OBERVATION #: 19, 38 Roll #14, frame #20

Horse #51 Band #10
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Feet: LR-black LF-black
RR-black RF-black
CONDITION: Old, ribs showing
PHOTO: Roll #1, frame #24-28; Roll #2, frame #19-20; Roll #12, frame #8,
OBSERVATION #: 19, 38 Roll #14, frame #20

Horse #52 Band #10
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Ribs showing
PHOTO: Roll #1, frame #24-28; Roll #2, frame #19-10; Roll # 12, frame #8;
OBSERVATION #: 19, 38 Roll #14, frame #20

Horse #53 Band #10

COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-blaze Body scars on back
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Some ribs showing
PHOTO: Roll #1, frame #24-28; Roll #2, frame #19-20; Roll #12, frame #8;
OBSERVATION #: 19, 38 Roll #14, frame #20.

Horse #54 Band #10

COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION: All black
MARKINGS: Facial-star & snip
Feet: LR-sock LR-black
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #1, frame #24-28; Roll #2, frame #19-20; Roll #12, frame #8;
OBSERVATION#: 19, 38 Roll #14, frame #20.

Horse #55 Band #11

COLOR: Bay-dark to black
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-faint star
Feet: LR-sock LF-black
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #3, frame #5-6
OBSERVATION #: 20, 41

Horse #56 Band #11

COLOR: Buckskin
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & snip
Feet: LR-sock LF-pastern
RR-black RF- black
CONDITION: Good
PHOTO: Roll #3, frame #5-6
OBSERVATION #: 20, 41

Horse #57 Band #11
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-blaze
Feet: LR-black LF-pastern
RR-stocking RF-black
CONDITION: Good
PHOTO: Roll #3, frame #5-6
OBSERVATION#: 20, 41

Horse #58 Band #11
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & strip
Feet: LR-sock LF-black
RR-sock RF-sock
CONDITION: Good
PHOTO: Roll #3, frame #5-6
OBSERVATION #: 20, 41

Horse #59 Band #11
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-sock LF-pastern
RR-pastern RF-pastern
CONDITION: Good
PHOTO: Roll #3, frame #5-6
OBSERVATION #: 20, 41

Horse # 60 Band #11
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, snip & strip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #3, frame #5-6
OBSERVATION #: 20, 41

Horse #61 Band #12
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 21

Horse #62. Band #12
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 21

Horse #63 Band #12
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 21

Horse #64 Band #12
COLOR: Bay
CLASS: Adult
SEC:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 21

Horse #65 Band #12

COLOR: Bay-light
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: FR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION: 21

Horse #66 Band #12

COLOR: Sorrel
CLASS: Yearling
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 21

Horse #67 Band #13

COLOR: Buckskin-gold
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial- star, strip & snip
Feet: LR-stocking LF-black
RR-stocking RF-sock
CONDITION: Excellent
PHOTO: Roll #1, frame #29-34
OBSERVATION #: 26

Horse #68 Band #13

COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-dark brown Tail-dark brown (brown clump of hair at star
MARKINGS: Facial-faint star & faint snip of tail
Feet: LR-pastern LF-black
RR-stocking RF-black
CONDITION: Old and scarred
PHOTO: Roll #1, frame #29-31, 33-34; Roll #4, frame #2-6
OBSERVATION #: 26, 52, 55

Horse #69 Band #14

COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, Frame #19; Roll #14, frame #20(?); Roll #15, frame #3;
OBSERVATION #: 28 Roll #18, frame #8

Horse #70 Band #14

COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6; Roll #13, frame #19; Roll #15, frame #3;
OBSERVATION #: 28 Roll #18, frame #8.

Horse #71 Band #14

COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6; Roll #13, frame #19; Roll#14, frame #(20?);
Roll # 15, frame #3; Roll #18, frame #8
OBSERVATION #: 28, 36

Horse #72 Band #14

COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6; Roll #13, frame #19; Roll #14, frame #(20?)
OBSERVATION #: 28, 36 Roll #18, frame #8.

Horse #73 Band #14

COLOR: Bay-dark
CLASS: Yearling
SEX:
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6; Roll #14, frame #(20?); Roll 15, frame #3.
OBSERVATION #: 28, 36

Horse #74 Band #14

COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star & strip
Feet: LR-stocking LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6; Roll #14, frame #(20?)
OBSERVATION #: 28

Horse #75 Band #14

COLOR: Buckskin-light gold
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-stocking LF-black
RR-stocking RF-black
CONDITION: Good
PHOTO: Roll #3, frame #7-9; Roll #13, frame #20
OBSERVATION: 29, 44

Horse #76 Band #15

COLOR: Buckskin-gold
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-stocking RF-black
CONDITION: Good
PHOTO: Roll #3, frame #7-9; Roll #13, frame #20
OBSERVATION: 29, 44

Horse #77 Band #15

COLOR:Black
CLASS:Adult
SEX: Male
DESCRIPTION: All black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #3, frame #7-9; Roll #13, frame #20.
OBSERVATION #: 29, 44

Horse #78 Band #15

COLOR: Bay-red
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-stocking LF-sock
RR-stocking RF-black
CONDITION: Good
PHOTO: Roll #3, frame #7-9; Roll #13, frame #20.
OBSERVATION #: 29, 44

Horse #79 Band #15

COLOR: Bay-red
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-pastern LF-sock
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #3, frame #7-9; Roll #13, frame #20.
OBSERVATION #: 29, 44

Horse #80 Band #15

COLOR:
CLASS:
SEX:
DESCRIPTION:
MARKINGS: Facial-star, strip & large snip
Feet: LR-dark brown LF-dark brown
RR-dark brown RF-dark brown
CONDITION: Good
PHOTO: Roll #3, frame #7-9; Roll #13, frame #20.
OBSERVATION #: 29, 44

Horse #81 Band #16
COLOR: Bay-red
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #1-2, 4-11; Roll 12, frame #3.
OBSERVATION #: 29, 61

Horse #82 Band #16
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-sock RF-black
CONDITION: Good
PHOTO: Roll #5, frame #1-2, 4-11, Roll #12, frame #3.
OBSERVATION #: 29, 61

Horse #83 Band #16
COLOR: Bay-light
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-small star
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO: Roll #5, Frame #1-2, 4-11; Roll #12, frame #3.
OBSERVATION #: 29, 61

Horse #84 Band #16
COLOR: Bay-red
CLASS: Adult
SEX: Female-mother of horse #85
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-black
RR-sock RF-½pastern
CONDITION: Good
PHOTO:
OBSERVATION #: #1, 32

Horse #85 Band #17

COLOR: Bay-red
CLASS: Yearling of horse #84
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #86 Band #17

COLOR: Black
CLASS: Adult
SEX: Female-mother of horse #87
DESCRIPTION: All black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #87 Band #17

COLOR: Buckskin
CLASS: Foal of horse #86
SEX:
DESCRIPTION: Mane-black
MARKINGS: Facial-star, strip & snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 31

Horse #88 Band #17

COLOR: Bay-light
CLASS: Adult
SEX: Female-mother of horse #89
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-pastern LF-pastern
RR-pastern RF-pastern
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #89 Band #17

COLOR: Bay
CLASS: Foal of Horse #88
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 31, 32

Horse #90 Band #17

COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION:
PHOTO:
OBSERVATION #: 31, 32

Horse #91 Band #17

COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-½pastern LF-black
RR-½pastern RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #92 Band #18

COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, strip & snip
Feet: LR-stocking LF-sock
RR-stocking RF-red
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #93 Band #18
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-strip
Feet: LR-stocking LF-red
RR-red RF-red
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #94 Band #18
COLOR: Buckskin-brownish white
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-sock LF-pastern
RR-sock RF-pastern
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #95 Band #18
COLOR: Buckskin-gold (Band #13)
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-snip
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #4, frame #2-6
OBSERVATION #: 31, 32, 52, 55

Horse #96 Band #18
COLOR: Buckskin-light
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-sock LF-black
RR-sock RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #97 Band #18
COLOR: Bay-red
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 31, 32

Horse #98 Band #19
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & snip
Feet: LR-pastern LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #4, frame #7-11, 21
OBSERVATION #: 32, 33, 45, 46, 53, 60

Horse #99 Band #19
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll # 4, frame #7-11, 21
OBSERVATION #: 32, 33, 45, 46, 53, 60

Horse #100 Band #19
COLOR: Bay-red
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-pastern LF-black
RR-sock RF-black
CONDITION: Good
PHOTO: 32, 33, 45, 46

Horse #101 Band #20
COLOR: Sorrel
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-red Tail-red
(with light streaks in both)
MARKINGS: Facial-blaze
Feet: LR-stocking LF-sock
RR-stocking RF-sock
CONDITION: Good
PHOTO:
OBSERVATION #: 34

Horse #102 Band #20
COLOR: Sorrel-brown (lighter)
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO:
OBSERVATION #: 34

Horse #103 Band #20
COLOR: Bay-red
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: #$

Horse #104 Band #20
COLOR: Sorrel-brown
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star
Feet: LR-sock LF-
RR-sock RF-
CONDITION: Good
PHOTO:
OBSERVATION #: 34

Horse #105 Band #20

COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION: 34

Horse #106 Band #21

COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-faint star
Feet: LR-sock LF-black
RR-sock RF-black
CONDITION: Good
PHOTO: Roll # 6, frame #7-9, Roll #12, frame #9
OBSERVATION #: 35, 48, 50, 66

Horse #107 Band #21

COLOR: Bay-red
CLASS: Adult
SEX: Female-mother of Horse #108
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & strip
Feet: LR-stocking LF-black
RR-stocking RF-sock
CONDITION: Good
PHOTO: Roll #6, frame #7-9; Roll #12, frame #9
OBSERVATION #: 35, 48, 50, 66

Horse #108 Band #21

COLOR: Bay
CLASS: Foal (?very young) of horse #107
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-sock LF-sock
RR-darker RF-sock
CONDITION: Good
PHOTO: Roll #6, frame #7-9; Roll #12, frame #9
OBSERVATION #: 35, 48, 50, 66

Horse #109 Band #21

COLOR: Bay-red
CLASS: Yearling
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-black LF-stocking
RR-black RF-sock
CONDITION: Good
PHOTO: Roll #6, frame #7-9; Roll #12, frame #9.
OBSERVATION #: 35, 48, 50, 66

Horse #110 Band #21

COLOR: Bay-red
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & tapering snip to a point
Feet: LR-pastern LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #6, frame #7-9; Roll #12, frame #9:
OBSERVATION #: 35, 48, 50, 66

Horse # 111 Band #22 (13?)

COLOR:Buckskin-gold
CLASS:Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-stocking LF-black
RR-stocking RF-pastern
CONDITION: Good
PHOTO:
OBSERVATION #: 33

Horse #112 Band #22

COLOR: Bay-light red
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #3, frame #3-4
OBSERVATION #: 33, 40

Horse #113 Band #22
COLOR: Sorrel
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star & strip
Feet: LR-stocking LF-red
RR-red RF-red
CONDITION: Good
PHOTO: Roll #3, frame #3-4
OBSERVATION #: 33, 40

Horse #114 Band #22
COLOR: Buckskin-light
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #3-4
OBSERVATION #: 33, 40

Horse #115 Band #23
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-black
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #2, frame #6
OBSERVATION #: 36, 43, 74

Horse #116 Band #23
COLOR: Sorrel
CLASS: Adult
SEX: Female, mother of horse #117
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-star, strip & snip
Feet: LR-red LF-red
RR-stocking RF-red
CONDITION: Good
PHOTO: Roll #2, frame #6
OBSERVATION #: 36, 43, 74

Horse #117 Band #23
COLOR: Sorrel
CLASS: Foal of Horse #116
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, strip & snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #6
OBSERVATION #: #6, 43, 74

Horse #118 Band #24
COLOR: Grey-greyish white
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36

Horse #119 Band #24
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36

Horse #120 Band #24
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36

Horse #121 Band #24
COLOR: Buckskin
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36

Horse #122 Band #24
COLOR: Buckskin
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36

Horse #123 Band #25
COLOR: Buckskin
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36, 45

Horse #124 Band #25
COLOR: Bay-light
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36, 45

Horse #125 — Band #25

COLOR: Buckskin
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO: Roll #2, frame #5-6
OBSERVATION #: 36, 45

Horse #126 — Band #26 (6?)

COLOR: Sorrel-brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-star & snip
Feet: LR-sock LF-sock
RR-sock RF-sock
CONDITION: Good
PHOTO: Roll #2, frame #11-18; Roll #12, frame #20
OBSERVATION #: 38

Horse #127 — Band #26 (6?)

COLOR: Sorrel-dark brown
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Feet: LR-brown LF-brown
RR-pastern RF-brown
CONDITION: Good
PHOTO: Roll #2, frame #11-18; Roll #12, frame #20
OBSERVATION: 38

Horse #128 — Band #26 (6?)

COLOR: Bay-red
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-pastern LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #2, frame #11-18; Roll #12, frame #20
OBSERVATION #: 38

Horse #129 Band #26 (6?)
COLOR: Sorrel-gold
CLASS: Yearling
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-blaze
Feet: LR- LF-stocking
RR-pastern RF-
CONDITION: Good
PHOTO: Roll #2, frame #11-13, frame 15-18; Roll #12, frame #20.
OBSERVATION: 38

Horse #130 Band #26 (6?)
COLOR: Sorrel-brown
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-star
Feet: LR-brown LF-
RR-sock RF-
CONDITION: Good
PHOTO: Roll #2, frame #11-13, 15-18; Roll #12, frame #20
OBSERVATION #: 38

Horse #131 Band #26 (6?)
COLOR: Bay-red
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #2, frame #11-13, 15-18; Roll #12, frame #20
OBSERVATION #: 38

Horse #132 Band #27
COLOR: Sorrel-brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-
Feet: LR-brown LF-brown
RR-sock RF-
CONDITION: Fair
PHOTO: Roll #2, frame #19-20; Roll #12, frame #10
OBSERVATION #: 38

Horse #133 Band #27
COLOR: Buckskin
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Poor-ribs showing
PHOTO: Roll #2, frame #19-20; Roll #12, frame #10
OBSERVATION #: 38

Horse #134 Band #28
COLOR: Black
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-stocking LF-black
RR-stocking RF-black
CONDITION: Good
PHOTO: Roll #3, frame #2
OBSERVATION #: 39

Horse #135 Band #28
COLOR: Buckskin-gold
CLASS: Adult
SEX: Female (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #3, frame #2
OBSERVATION #: 39

Horse #136 Band #28
COLOR: Bay-dark
CLASS: Adult
SEX: Female (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-sock LF-black
RR-sock RF-sock (?)
CONDITION: Good
PHOTO: Roll #3, frame #2
OBSERVATION #: 39

Horse #137 Band #29
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, faint strip & snip
Feet: LR- LF-
RR- RF-
CONDITION:Good (ribs show in obs. #88)
PHOTO: Roll #3, frame #2; Roll #8, frame #1-2, 7; Roll #13, frame #15; Roll #14, frame #15; Roll #18, frame #1, 3.
OBSERVATION #: 39, 88

Horse #138 Band #29
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-stocking LF-black
RR-stocking RF-sock
CONDITION: Good
PHOTO: Roll #3, frame #2; Roll #8, frame #1,2,7; Roll #13, frame #15; Roll #14, frame #15; Roll #18, frame #1, 3.
OBSERVATION #: 39, 88

Horse #139 Band #29
COLOR: Buckskin-light
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #2; Roll #8, frame #1,2,7; Roll #13, frame #15; Roll #14, frame #15; Roll #18, frame #1, 3.
OBSERVATION #: 39, 88

Horse #140 Band #29
COLOR: Buckskin-gold
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-faint star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #3, frame #2; Roll #8, frame #1,2,7; Roll #13, frame #15; Roll # 14, frame #15; Roll #18, frame #1,3;
OBSERVATION #: 39, 88

Horse #141 Band #30
COLOR: Buckskin-gold
CLASS: Adult
SEX: Female, mother of Horse #143
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #6, frame #3-6
OBSERVATION #: 42, 65

Horse #142 Band #30
COLOR: Bay-red
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-
MARKINGS: Facial-
Feet: LR-black' LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #6, frame #3-6
OBSERVATION #: 42, 65

Horse #143 Band #30
COLOR: Bay
CLASS: Foal of Horse #141
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, narrow strip, & snip
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO: Roll #6, frame #3-6
OBSERVATION #: 42, 65

Horse #144 Band #31
COLOR: Bay-dark to black
CLASS: Adult
SEX: Female, mother of horse #146
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-faint star
Feet: LR-sock LF-pastern
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #18, frame #10
OBSERVATION #: 47

Horse #145 Band #31
COLOR: Buckskin-light
CLASS: Adult
SEX: Male
DEXCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-sock LF-black
RR- RF-
CONDITION: Good
PHOTO: Roll # 18, frame #10
OBSERVATION: 47

Horse #146 Band #31
COLOR: Bay
CLASS: Foal of Horse #144
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-light red
RR-sock RF- light red
CONDITION: Good
PHOTO: Roll #18, frame #10
OBSERVATION #: $&

Horse #147 Tail-white
COLOR: White
CLASS: Adult
SEX: Female
DESCRITPION: Mane-white Tail-white
MARKINGS: Facial-none
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #11; Roll #12, frame #15; Roll #18, frame #13
OBSERVATION #: 48, 52

Horse #148 Band #32
COLOR:Sorrel
CLASS:Adult
SEX: Female
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star and wide strip
Feet: LR-stocking LF-
RR-stocking RF-
CONDITION: Good
PHOTO: Roll #12, frame #11 & 15; Roll #18, frame #13
OBSERVATION #: 48, 52

Horse #149 Band #32
COLOR: Buckskin-light brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #12, frame #11 & 15; Roll #18, frame #13
OBSERVATION #: 48, 52

Horse #150 Band #32
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & snip
Feet: LR-black LF-black
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #12, frame #11&15; Roll #18, frame #13
OBSERVATION #: 48, 52

Horse #151 Band #32
COLOR: Sorrel
CLASS: Foal
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, strip & snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #11, 15; Roll #18, frame #13.
OBSERVATION #: 48, 52

Horse #152 Band #32
COLOR: Sorrel-very light
CLASS: Foal
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-big star and narrow snip
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO: Roll #12, frame #11, 15; Roll #18, frame #13
OBSERVATION #: 48, 52

Horse #153 Band #32
COLOR: Bay
CLASS: Yearling
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-small star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #12, frame 11, 15; Roll #18, frame #14
OBSERVATION #: 48, 52

Horse #154 Band #33
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, faint strip lower ½, small snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #155 Band #33
COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6.
OBSERVATION #: 48, 52, 67

Horse #156 Band #33
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6.
OBSERVATION #: 48, 52, 67

Horse #157 Band #33
COLOR: Black
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6.
OBSERVATION #: 48, 52, 67

Horse #158 Band #33
COLOR: Bay-darker
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6.
OBSERVATION #: 48, 52, 67

Horse #159 Band #33
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7, Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #160 Band #33
COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #161 Band #33
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #12, frame #4-5; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #162 Band #33
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-pastern LF-pastern
RR-pastern RF-pastern
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #163 Band #33
COLOR:Bay
CLASS:Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #164 Band #33
COLOR: Black
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6.
OBSERVATION#: 48, 52, 67

Horse #165 Band #33
COLOR: Black
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #166 Band #33
COLOR: Black
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #167 Band #33
COLOR: Bay
CLASS: Yearling
SEX:
DESCRIPTION: Mane-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #4-7; Roll #15, frame #5-6
OBSERVATION #: 48, 52, 67

Horse #222 Band #33(?)
COLOR: White & black paint
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO:
OBSERVATION #: 67

Horse #168 Band #34
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-faint star (?)
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 54

Horse #169 Band #34
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 54

Horse #170 Band #34
COLOR: Bay-dark
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip (lower ½), & snip
Feet: LR-stocking LF-pastern
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 54

Horse #171 Band #34
COLOR: Bay-dark
CLASS: Adult
SEX: Female, mother of horse #172
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 54

Horse #172 Band #34
COLOR: Bay
CLASS: Foal of horse #171
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-blaze
Feet: LR-stocking LF-stocking
RR-stocking RF-stocking
CONDITION:
PHOTO:
OBSERVATION #: 54

Horse #173 Band #35
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Thin
PHOTO:
OBSERVATION #: 55

Horse #174 Band #35
COLOR:Bay
CLASS:Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Thin
PHOTO:
OBSERVATION #: 55

Horse #175 Band #35
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 55

Horse #176 Band #36
COLOR: Sorrel-brown
CLASS: Adult
SEX: Male (?)
DESCRIPTION:" Mane-brown Tail-brown
MARKINGS: Facial-star, strip & snip
Feet: LR-pastern LF-brown
RR-brown RF-brown
CONDITION: Good
PHOTO:
OBSERVATION #: 59

Horse #177 Band #36
COLOR: White-mottled
CLASS: Adult
SEX: Female, mother of horse #180
DESCRIPTION: Mane- black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 59

Horse #178 Band #36
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 59

Horse #179 Band #36
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION:Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 59

Horse #180 Band #36
COLOR: Bay-dark
CLASS: Yearling of horse #177
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-small star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 59

Horse #181 Band #37
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & strip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 58, 59, 66

Horse #182 Band #37
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 58, 59, 66

Horse #183 Band #37
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & strip
Feet: LR-black LF-black
RR-black RF-sock
CONDITION: Good
PHOTO:
OBSERVATION #: 58, 59, 66

Horse #184 Band #37
COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-faint star
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO:
OBSERVATION #: 58, 59, 66

Horse #185 Band #37
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 58, 59, 66

Horse #186 Band #38
COLOR: Buckskin-gold
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #6, frame #2, 10-12; Roll #14, frame #12-13
OBSERVATION #: 59, 61, 64, 68

Horse #187 Band #38
COLOR: Bay
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-pastern LF-black
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #6, frame #2, 10-12; Roll #14, frame #12-13.
OBSERVATION #: 59, 61, 64, 68

Horse #188 Band #38
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-red
Feet: LR-brown LF-brown
RR-brown RF-brown
CONDITION: Good
PHOTO: Roll #6, frame #2,10-12; Roll #14, frame #12-13
OBSERVATION #: 59, 61, 64, 68

Horse #189 Band #38
COLOR: Grey-light
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-dark grey Tail-dark grey (legs dark)
MARKINGS: Facial-star, strip & snip
Feet: LR-stocking LF-stocking
RR-black RF-grey
CONDITION: Good
PHOTO: Roll #6, frame #2, 10-12; Roll #14, frame #12-13
OBSERVATION #: 59, 61, 64, 68

Horse #190 Band #39 (17?)
COLOR: Bay-dark
CLASS: Adult
SEX: Male (dominant)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Ribs showing
PHOTO: Roll #4, frame #12-18; Roll #12, frame #13-14; Roll #18, frame #17
OBSERVATION #: 60

Horse #191 Band #39
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-sock
RR-sock RF-sock
CONDITION: Ribs showing
PHOTO: Roll #4, frame #12-18; Roll #12, frame #13-14; Roll #18, frame #17
OBSERVATION #: 60

Horse #192 Band #39
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-pastern LF-black
RR-black RF-black
CONDITION: Ribs showing
PHOTO: Roll #4, frame #12-18; Roll #12, frame #13-14; Roll #18, frame #17
OBSERVATION: 60

Horse #193 Band #39 (17?)
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-stocking LF-black
RR-stocking RF-pastern (?)
CONDITION: Good
PHOTO: Roll #4, frame #12-18; Roll #12, frame #13-14; Roll #18, frame #18-19
OBSERVATION #: 60

Horse #194 Band #39 (17?)
COLOR: Bay
CLASS: Adult
SEX: Female, mother of horse #196
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-sock
RR-sock RF-pastern
CONDITION: Good
PHOTO: Roll #4, frame #12-18; Roll #12, frame 13-14; Roll #18, frame #17.
OBSERVATION #: 60

Horse #195 Band #39
COLOR: Bay
CLASS: Yearling
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip-lower ½ attached to snip, snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
Roll #14, frame #12-18; Roll #12, frame #13-14; Roll #18, frame #17
OBSERVATION #: 60

Horse #196 Band #39 (17?)
COLOR: Bay
CLASS: Foal of horse #194
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip & snip
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO: Roll #4, frame #12-18; Roll #12, frame #13-14, Roll #18, frame #17
OBSERVATION #: 60

Horse #198 Band #40
COLOR: Grey-light muzzle
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-faint star
Feet: LR-½ pastern LF-dark grey
RR-stocking RF-dark grey
CONDITION: Good
PHOTO: Roll #5, frame #3-11;Roll #8, frame #14-16;Roll #14, frame #14
OBSERVATION #: 61, 91

Horse #199 Band #40
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #3-11; Roll #8, frame 14-16; Roll #14, frame #14
OBSERVATION #: 61, 91

Horse #200 Band #40
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-pastern LF-
RR-black RF-
CONDITION: Good
PHOTO: Roll #5, frame #3-11; Roll #8, frame #14-16; Roll #14, frame #14.
OBSERVATION #: 61, 91

Horse #201 Band #40
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #3-11; Roll #8, frame #14-16; Roll #14, frame #14-16
OBSERVATION #: 61, 91

Horse #202 Band #40
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-
RR-stocking RF-
CONDITION: Good
PHOTO; Roll #5, frame #3-11; Roll #8, frame #14-16; Roll #14, frame #14.
OBSERVATION #: 61, 91

Horse #203 Band #41
COLOR: Black
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #7-11.
OBSERVATION #: 61

Horse #205 Band #42
COLOR: Grey
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-grey Tail-light
MARKINGS: Facial-none
Feet: LR-sock LF-sock
RR-sock RF-sock
CONDITION: Good
PHOTO: Roll #5, frame #13-15; Roll #12, frame #12; Roll #18, frame #9, 14-15.
OBSERVATION #: 62, 75

Horse #206 Band #42
COLOR: Sorrel
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, strip & snip
Feet: LR-stocking LF-
RR- RF-sock
CONDITION: Good
PHOTO: Roll #5, frame #13-15; Roll #12, frame #12; Roll #18, frame #9, 14-15
OBSERVATION #: 62, 75

Horse #207 Band #42
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #13-15; Roll #12, frame #12; Roll #18, frame #9, 14-15
OBSERVATION #: 62

Horse #208 Band #42
COLOR: Black
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & large snip
Feet: LR-sock LF-black
RR-sock RF-pastern
CONDITION: Good
PHOTO;Roll #5, frame #13-15; Roll #12, frame #12; Roll #18, frame #9, 14-15.
OBSERVATION #: 62

Horse #209 Band #42
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #13-15; Roll #12, frame #12; Roll #18, frame #9, 14-15
OBSERVATION #: 62, 75

Horse #211 Band #43
COLOR: Bay-darker
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #16-21
OBSERVATION #: 63

Horse #212 Band #43
COLOR: Bay-darker
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #16-21
OBSERVATION #: 63

Horse #213 Band #43
COLOR: Bay-darker
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #5, frame #16-21.
OBSERVATION #: 63

Horse #214 Band #44
COLOR: Buckskin-light brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #6, frame #13-15.
OBSERVATION #: 66, 77, 85, 88

Horse #215 Band #44
COLOR: Buckskin-gold
CLASS: Adult
SEX: Male
DESCRIPTION:Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-stocking RF-black
CONDITION: Good
PHOTO: Roll #6, frame #13-15
OBSERVATION #: 66, 77, 85, 88

Horse #216 Band #44
COLOR: Buckskin-light
CLASS: Foal of horse #221
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-light LF-light
RR-light RF-light
CONDITION: Good
PHOTO: Roll #6, frame #13-15
OBSERVATION #: 66

Horse #217 Band #44
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip (lower ½)
Feet: LR-stocking LF-pastern
RR-sock RF-
CONDITION: Good
PHOTO; Roll #6, frame #13-15
OBSERVATION #: 66, 77, 85, 88

Horse #218 Band #44
COLOR:
CLASS:
SEX:
DESCRIPTION:
MARKINGS: Facial-star, strip (narrow), & snip
Feet: LR-black LF-balck
RR-black RF-black
CONDITION: Good
PHOTO: Roll #6, frame #13-15
OBSERVATION #: 66, 77, 85, 88

Horse #219 Band #44
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-snip
Feet: LR-red LF-red
RR-pastern RF-pastern
CONDITION: Good-looks pregnant
PHOTO: Roll #6, frame #13-15
OBSERVATION #; 66, 77, 85, 88

Horse #220 Band #44
COLOR: Bay
CLASS: Foal of horse #218
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip
Feet: LR-stocking LF-sock
RR- RF-
CONDITION: Good
PHOTO; Roll #6, frame #13-15
OBSERVATION #: 66, 77, 85, 88

Horse #221 Band #44
COLOR: Bay
CLASS: Adult
SEX: Female mother of horse #216
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-pastern RF-black
CONDITION: Good
PHOTO; Roll #6, frame #13-15.
OBSERVATION #: 66, 77, 85, 88

Horse #223 Band #45
COLOR: Buckskin
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip, & snip.
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #16
OBSERVATION #: 71

Horse #224 Band #45

COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #16
OBSERVATION #:

Horse #225 Band #45

COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #16
OBSERVATION #: 71

Horse #226 Band #46

COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
CONDITION: Good: RR- RF-
PHOTO: Roll #14, frame #6
OBSERVATION #:

Horse #227 Band #46

COLOR: White
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #6
OBSERVATION #: 72

Horse #228 Band #46

COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #6
OBSERVATION #: 72

Horse #229 Band #47

COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 73

Horse #230 Band #47

COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star
Feet: LR-red LF-red
RR-red RF-red
CONDITION: Good
PHOTO:
OBSERVATION #: 73

Horse #231 Band #47

COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO:
OBSERVATION #: 73

Horse #232 Band #48
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, snip
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO: Roll #7, frame #3-4
OBSERVATION #: 76

Horse #233 Band #48
COLOR: Bay-light red
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #3-4
OBSERVATION #: 76

Horse #234 Band #48
COLOR: Cream
CLASS: Adult
SEX:
DESCRIPTION: Mane-cream Tail-cream
MARKINGS: Facial-none
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #3-4
OBSERVATION #: 76

Horse #235 Band #49
COLOR: Buckskin
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO: Roll #7, frame #7,9, 11-13.
OBSERVATION #: 78

Horse #236 Band #49
COLOR: Buckskin
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #7,9,11-13.
OBSERVATION #: 78

Horse #237 Band #49
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #7,9,11-13.
OBSERVATION #: 78

Horse #238 Band #49
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #7, 9,11-13.
OBSERVATION #: 78

Horse #239 Band #49
COLOR: Grey
CLASS: Adult
SEX:
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #7,9,11-13
OBSERVATION #: 78

Horse #240 Band #50
COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #5,7,9,12,14-15; Roll #14, frame #9-10;
Roll #15, frame #10.
OBSERVATION #: 78

Horse #241 Band #50
COLOR: White
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-white Tail-white
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #5, 7, 9, 12, 14-15; Roll #14, frame #9-10;
Roll #15, frame #10.
OBSERVATION #: 78

Horse #242 Band #50
COLOR: Cream
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-white Tail-white
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #5,7,9,12,14-15; Roll #14, frame 9-10;
Roll #15, frame #10.
OBSERVATION #: 78

Horse #243 Band #50
COLOR: White-with grey
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-white Tail-white
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #5,7,9,12,14-15, Roll #14, frame #9-10;
Roll #15. frame #10.
OBSERVATION #: 78

Horse #244 Band #50
COLOR: Sorrel
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #5,7,9,12,14-15; Roll #14, frame #9-10; Roll #15, frame #10.
OBSERVATION #: 78

Horse #245 Band #51
COLOR: White with black ears - mottled
CLASS: Adult
SEX: Male
DESCRIPTION:Mane-grey Tail-grey
MARKINGS: Facial-
Feet: LR-grey LF-grey
RR-grey RF-
CONDITION: Good
PHOTO: Roll #7, frame #8, 12, 14; Roll #15, frame #2.
OBSERVATION #: 78, 82.

Horse # 246 Band #51
COLOR: Sorrel-light (palomino)
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-beige Tail-beige
MARKINGS: Facial-star, strip & snip
Feet: LR-stocking LF-stocking
RR-stocking RF-stocking
CONDITION: Good
PHOTO: Roll #7, frame #8, 12, 14; Roll #15, frame #2.
OBSERVATION #: 78, 82

Horse #247 Band #51
COLOR: Sorrel
CLASS: Foal
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, strip (narrow), & snip
Feet: LR-stocking LF-pastern
RR-sock RF-stocking
CONDITION: Good
PHOTO: Roll #7, frame #8, 12, 14; Roll #15, frame #2.
OBSERVATION #: 78, 82

Horse #248 Band #52
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-strip & snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #7-8,12,15.
OBSERVATION #: 78

Horse #249 Band #52
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #7-8,12,15.
OBSERVATION #: 78

Horse # 250 Band #53
COLOR: Buckskin-gold
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-brown
Feet: LR-brown LF-brown
RR-brown RF-brown
CONDITION: Good
PHOTO: Roll #7, frame #7-8, 11-12, 14; Roll #18, frame #6.
OBSERVATION #: 78, 89, 94.

Horse #251 Band #53
COLOR:Bay
CLASS:Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKING: Facial-star (small)
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #7-8, 11-12,14; Roll #18, frame #6.
OBSERVATION #: 78, 89, 94

Horse #252 Band #54
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #6,8,10,14.
OBSERVATION #: 78

Horse #253 Band #54
COLOR: Buckskin
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #6,8,10,14
OBSERVATION #: 78

Horse #254 Band #54
COLOR: Grey
CLASS: Adult
SEX:
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #6,8,10,14.
OBSERVATION #: 78

Horse #255 Band #54
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #6,8,10, 14.
OBSERVATION #: 78

Horse #256 Band #54

COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #7, frame #6,8,10, 14.
OBSERVATION #: 78

Horse #257 Band #55

COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-brown
MARKINGS: Facial-star, strip, & snip
Feet: LR-stocking LF-pastern
RR-pastern RF-sock
CONDITION: Good
PHOTO: Roll #7, frame #16-10; Roll #9, frame #3-4;Roll #14, frame #7-8.
OBSERVATION #: 79, 92, 93, 99.

Horse #258 Band #55

COLOR: Bay
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, snip-narrow end pointed up
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #7, frame #16-20; Roll #9, frame #3-4; Roll #14, frame #7-8.
OBSERVATION #: 79, 92, 93, 99.

Horse #259 Band #55

COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #7, frame #16-20; Roll #9, frame #3-4; Roll #14, frame #7-8.
OBSERVATION #: 79, 92, 93, 99.

Horse #260 Band #55

COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, snip & strip
Feet: LR-black LF-black
RR-pastern (?) RF-black
CONDITION: Good
PHOTO: Roll #7, frame #16-20; Roll #9, frame #3-4; Roll #14, frame #7-8.
OBSERVATION #: 79, 92, 93, 99.

Horse #261 Band #55

COLOR: Bay-dark
CLASS: Yearling (?)
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #7, frame #16-20; Roll #9, frame #3-4; Roll #14, frame #7-8.
OBSERVATION #: 79, 92, 93, 99.

Horse #262 Band #55

COLOR: Buckskin-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 84

Horse #263 Band #56

COLOR: Black
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star (faint & small)
Feet: LR-pastern LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 84

Horse #264 Band #56
COLOR: Black
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 84

Horse #265 Band #57
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip-small & narrow-lower ½
Feet: LR-stocking LF-
RR-stocking RF-
CONDITION: Good
PHOTO: Roll #8, frame #1,3,5.
OBSERVATION #: 88

Horse #266 Band #57
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #1,3,5.
OBSERVATION #: 88

Horse #267 Band #57
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #1,3,5.
OBSERVATION #: 88

Horse #268 Band #57
COLOR: Sorrel
CLASS: Adult
SEX:
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #1,3,5.
OBSERVATION #: 88

Horse #269 Band #57
COLOR: Buckskin-light
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, dark where strip would be
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #1,3,5.
OBSERVATION #: 88

Horse #270 Band #57
COLOR: Buckskin-light
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #1,3,5.
OBSERVATION #: 88

Horse #271 Band #57
COLOR: Bay
CLASS: Yearling
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #1,3,5.
OBSERVATION #: 88

Horse #272 Band #58
COLOR: White-mottled (grey)
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-none
Feet: LR-grey FL-grey
RR-grey RF-grey
CONDITION: Good
PHOTO: Roll #8, frame #5-9; Roll #9, frame #5-9; Roll #13, frame #2,9-10; Roll #18, frame #12.
OBSERVATION #: 88, 93

Horse #273 Band #58
COLOR: Bay
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #8, frame #4; Roll #9, frame #5-9; Roll #13, frame #9-10; Roll #18, frame #12.
OBSERVATION #: 88, 93

Horse #274 Band #58
COLOR: Bay-light
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #4; Roll #9, frame #5-9; Roll #13, frame #2,9-10; Roll #18, frame #12.
OBSERVATION #: 88, 93

Horse #275 Band #58
COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-sock LF-
RR-sock RF-pastern
CONDITION: Good
PHOTO: Roll #8, frame #4; Roll #9, frame #5-9; Roll #13, frame #2,9-10; Roll #18, frame #12.
OBSERVATION#: 88, 93

Horse #276 Band #58
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #4; Roll #9, frame #5-9; Roll #13, frame #2,9-10; Roll 18, frame #12.
OBSERVATION #; 88, 93

Horse #277 Band #58
COLOR:Bay
CLASS:Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #8, frame #4; Roll #9, frame #5-9; Roll #13, frame #2, 9-10; Roll #18, frame #12.
OBSERVATION #: 88, 93

Horse #278 Band #59
COLOR: Palomino-light
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-white Tail-white
MARKINGS: Facial-none
Feet: LR-stocking LF-stocking
RR-cream RF-stocking
CONDITION: Good
PHOTO: Roll #8, frame #8-9; Roll #18, frame #5.
OBSERVATION #: 90

Horse #279 Band #59
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:Mane-black Tail-black
MARKINGS: Facial-star(small)
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #8, frame #8-9; Roll #18, frame #5.
OBSERVATION #: 90

Horse #280 Band #60

COLOR: Bay-dark
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #9, frame #10-14; Roll #18, frame #2 (?).
OBSERVATION #: 95

Horse #281 Band #60

COLOR: Buckskin
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, & strip-upper ½
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #9, frame #10-14; Roll #18, frame #2(?)
OBSERVATION #: 95

Horse #282 Band #60

COLOR:Bay
CLASS:Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO:Roll #9, frame #10-14; Roll #18, frame #2(?)
OBSERVATION #: 95

Horse #204 Solitary Band #61

COLOR: Black
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-pastern
RR-sock RF-black
CONDITION: Good
PHOTO:
OBSERVATION #: 61, 95, 98

Horse #283 Band #61

COLOR: White-mottled grey
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-none
Feet: LR-dark grey LF-dark-grey
RR-dark grey RF-dark-grey
CONDITION: Good
PHOTO:
OBSERVATION #: 95

Horse #284 Band #61

COLOR: Sorrel
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, strip & snip
Feet: LR-red LF-red
RR-red RF-red
CONDITION: Good
PHOTO:
OBSERVATION #: 95

Horse #285 Band #62

COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Ribs showing slightly
PHOTO: Roll #9, frame #15-19; Roll #13, frame #4-5; Roll #18, frame #4.
OBSERVATION #: 96, 98

Horse #286 Band #62

COLOR: Black
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star & strip (both faint)
Feet: LR-sock LF-black
RR- RF-black
CONDITION: Good
PHOTO: Roll #9, frame #15-19; Roll #13, frame #4-5; Roll #18, frame #4.
OBSERVATION #: 96, 98

Horse #287 Band #62
COLOR: White
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-dark grey LF-dark grey
RR-dark grey RF-dark grey
CONDITION: Ribs show slightly
PHOTO: Roll #9, frame #15-19; Roll #13, frame #4-5; Roll #18, frame #4
OBSERVATION #: 96, 98

Horse #288 Band #62
COLOR: Bay
CLASS: Yearling
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Ribs show
PHOTO: Roll #9, frame #15-19; Roll #13, frame #4-5; Roll #18, frame #4.
OBSERVATION #: 96, 98

Horse #289 Band #62
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip, & snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Ribs show
PHOTO: Roll #9, frame #15-19; Roll #13, frame #4-5; Roll #19, frame #4.
OBSERVATION #: 96, 98

Horse #290 Band #63
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION:Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #9, frame #20.
OBSERVATION #: 80, 87, 97

Horse #291 Band #63

COLOR: Bay-dark
CLASS: Adult
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #9, frame #20.
OBSERVATION #: 80, 87, 97

Horse #292 Band #63

COLOR:Bay
CLASS:Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO; Roll #9, frame #20
OBSERVATION #: 80, 87, 97

Horse #293 Band #64

COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star & strip
Feet: LR-stocking LF-stocking
RR-stocking RF-stocking
CONDITION: Good
PHOTO: Roll #15, frame #7
OBSERVATION #: 97

Horse #294 Band #64

COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star (large)
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #15, frame #7
OBSERVATION : 97

Horse #295 Band #64

COLOR: Bay
CLASS: Foal (yearling)
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, strip-narrow, & snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #15, frame #7.
OBSERVATION#: 97

Horse #296 Band #64

COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-red Tail-brown
MARKINGS: Facial-none
Feet: LR-red LF-red
RR-red RF-red
CONDITION: Good
PHOTO: Roll #15, frame #7.
OBSERVATION #: 97

Horse #297 Band #64

COLOR: Bay
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #15, frame #7.
OBSERVATION #: 97

Horse #298 Band #64

COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #15, frame #7
OBSERVATION #: 97

Horse #299 Band #65

COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3;
OBSERVATION #: 100, 101, 104, 106.

Horse #300 Band #65

COLOR: Bay-light
CLASS: Adult
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-none
Feet: LR- LF-black
RR- RF-black
CONDITION: Good
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3.
OBSERVATION #: 100, 101, 104, 106.

Horse #301 Band #65

COLOR: Bay-light
CLASS: Adult
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-star (small)
Feet: LR- LF-black
RR- RF-black
CONDITION: Good
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3.
OBSERVATION #: 100, 101, 104, 106.

Horse #302 Band #65

COLOR: Bay
CLASS: Adult
SEX: Male (lead)
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3.
OBSERVATION #: 100, 101, 104, 106

Horse #303 Band #65

COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-star, strip & snip
Feet: LR-stocking LF-black
RR-pastern RF-black
CONDITION: Good
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3
OBSERVATION #: 100, 101, 104, 106

Horse #304 Band #65

COLOR: Black - strip across shoulders
CLASS: Adult
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-star (light around eyes & mouth)
Feet: LR-pastern LF-black
RR-sock RF-black
CONDITION: Good (old)
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3.
OBSERVATION #: 100, 101, 104, 106.

Horse #305 Band #65

COLOR: White
CLASS: Adult
SEX: Female (lead), mother of horse #306
DESCRIPTION: Mane- Tail-grey
MARKINGS: Facial-none Body-grey front of front legs
Feet: LR-none LF-none
RR-none RF-none
CONDITION: Good
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3.
OBSERVATION #: 100, 101, 104, 106.

Horse #306 Band #65

COLOR: Bay-dark
CLASS: Foal of horse #305
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-
Feet- LR-sock LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #10, frame #13-end; Roll #11, frame #1-3
OBSERVATION #: 100, 101, 104, 106

Horse # 307 Band #66
COLOR: White
CLASS: Adult
SEX: Female
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-
Feet: LR-none LF-none
RR-none RF-none
CONDITION: Good
PHOTO; Roll #12, frame #16-17; Roll #17, frame #2-4
OBSERVATION #: 102

Horse #308 Band #66
COLOR: Black
CLASS: Adult
SEX: Male (lead?)
DESCRIPTION: Mane- Trail
MARKINGS: Facial-star
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #12, frame #16-17; Roll #17, frame #2-4.
OBSERVATION #: 102

Horse #309 Band #66
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-star, strip, & snip
Feet: LR-stocking LF-stocking
RR-stocking RF-pastern
CONDITION: Good
PHOTO: Roll #10, frame #21; Roll #12, frame #16-17; Roll #17, frame #1
OBSERVATION #: 102

Horse #310 Band #66
COLOR: Bay-dark
CLASS: Yearling
SEX: Female
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-
Feet: LR-pastern LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #12, frame #16-17; Roll #17, frame #2-4
OBSERVATION #: 102

Horse #311 Band #66
COLOR: Black
CLASS: Foal
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #16-17; Roll #17, frame #1.
OBSERVATION #: 102

Horse #312 Band #66
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #16-17; Roll #17, frame #2-4.
OBSERVATION #: 102

Horse #313 Band #66
COLOR: Sorrel
CLASS: Adult
SEX: Male (?)
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #16-17
OBSERVATION #: 102

Horse #314 Band #67
COLOR: Grey
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-grey
MARKINGS: Facial-none Body-legs dark
Feet: LR-pastern LF-pastern
RR-pastern RF-pastern
CONDITION: Good
PHOTO: Roll #11, frame #8-9; Roll #18, frame #16
OBSERVATION #: 103

Horse #315 Band #67
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-star, strip (top narrow, bottom large)& snip.
Feet: LR-sock LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #11, frame #8-9; Roll #18, frame #16.
OBSERVATION #: 103

Horse #316 Band #67
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-star, small snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #11, frame #8-9; Roll #18, frame #16.
OBSERVATION #: 103

Horse #317 Band #67
COLOR: Bay
CLASS: Adult
SEX:
DESCRIPTION: Mane- Tail-
MARKINGS: Facial-none
Feet: LR-black LF-black
RR-black RF-black
CONDITION: Good
PHOTO: Roll #11, frame #8-9; Roll #18, frame #16.
OBSERVATION #: 103

Horse #318 Band #68
COLOR: Sorrel-brown
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #18

Horse #319 Band #68
COLOR: Bay-darker
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #18

Horse #320 Band #68
COLOR: Bay
CLASS: Yearling
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #18
LOCATION #: Sec. 28, T.3N., R.32E. (all of band #68)

Horse #321 Band #69
COLOR: Grey
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #19; Roll #15, frame #15; Roll #16, frame #1-4; Roll #8, frame #18.

Horse #322 Band #69
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #19; Roll #15, frame #15; Roll #16, frame #1-4; Roll #18, frame #18.

Horse #323 Band #69
COLOR: Bay-light
CLASS: Adult
SEX Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION:
PHOTO: Roll #12, frame #19; Roll #15, frame #15; Roll #16, frame #1-4; Roll #18, frame #18.

Horse #324 Band #69
COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #12, frame #19; Roll #15, frame #15; Roll #16, frame #1-4; Roll #18, frame #18.

Horse #325 Band #69
COLOR: Black
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR-sock LF-
RR-sock RF-
CONDITION: Good
PHOTO: Roll #18, frame #18;

Horse #326 Band #69
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #18, frame #18
LOCATION #: Sec. 33, T.3N., R.32E. & Sec. 28, T.3N., R.32E.

Horse #327 Band #70
COLOR: White
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-grey Tail-grey
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #6-8, 12-14.

Horse #328 Band #70
COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #6-8, 12-14.

Horse #329 Band #70
COLOR: Grey
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #6-8, 12-14

Horse #330 Band 370
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #6-8, 12-14.

Horse #331 Band #70
COLOR: Bay-Dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #6-8, 12-14.

Horse #332 Band #70
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #608, 12-14.
LOCATION #: NE¼, Sec. 33, T.2N., R.31E. & NE¼, Sec.4, T.1N., R.31E.

Horse #333 Band #71
COLOR: Black
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #6-8; 11; Roll #14, frame #16-18.

Horse #334 Band #71
COLOR: Bay-dark to black
CLASS: Adult
SEC: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star, narrow strip, snip
Feet: LR- LF-
RR- RF-
CONDITION: Right hindquarter ripped open.
PHOTO: Roll #13, frame #6-8, 11; Roll #14, frame #16-18.

Horse #335 Band #71
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-star
Feet: LR-stocking LF-stocking
RR-stocking RF-stocking
CONDITION: Good
PHOTO: Roll #13, frame #6-8, 11; Roll #14, frame #16-18.
LOCATION #: NW¼,Sec.12, T.1N., R.31E. (all of band #71)

Horse #336 Band #
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #17-18; Roll #15, frame #13.
Roll #15, frame #13

Horse #338 Band #72
COLOR: Black
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO; Roll #13, frame #17-18; Roll #15, frame #13.

Horse #339 Band #72
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #17-18; Roll #15, frame #13.

Horse #340 Band #72
COLOR: Bay
CLASS: Foal
SEX:
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #17-18; Roll #15, frame #13.
LOCATION #: SW¼,Sec.34, T.2N., R.31E. & Sec. 31, T.3N., R.31E.(all of band)

Horse #341 Band
COLOR: Bay-dark to black
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR-sock RF-
CONDITION: Good
PHOTO: Roll #13, frame #3; Roll #14, frame #4.

Horse #342 Band #73
COLOR: Buckskin-gold
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #13, frame #3; Roll #14, frame #4.
LOCATION #: SW¼,Sec.9., T.1N., R.31E.

Horse #344 Band #74
COLOR: Bay-darker
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #11.

Horse #345 Band #74
COLOR: Bay
CLASS: Yearling
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #11
LOCATION #: Sec.3., T.2N., R.30E.

Horse #346 Band #75
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO; Roll #14, frame #5

Horse #347 Band #75
COLOR: Sorrel-brown
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-brown Tail-brown
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #5

Horse #348 Band #75
COLOR: Buckskin
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-star,strip, snip (?)
Feet: LR-sock LF-
RR-sock RF-
CONDITION: Good
PHOTO: Roll #14, frame #5

Horse #349 Band #75
COLOR: Sorrel-light brown
CLASS: Foal
SEX:
DESCRIPTION:
MARKINGS: Facial-star, strip, snip (?)
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #3.

Horse #350 Band #75
COLOR: Bay-darker
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #5.
LOCATION #: Sec. 31.,T.3N., R.31E.

Band #76

Horse #351
COLOR: Palomino
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-white Tail-white
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #3

Band #76

Horse #352
COLOR: Black
CLASS: Adult
SEX: Female
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #3

Band #76

Horse #353
COLOR: Bay
CLASS: Yearling (?)
SEX:
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #14, frame #3
LOCATION: Sec.31, T.3N., R.31E. (all of band #76)

Band #77

Horse #354
COLOR: Buckskin
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-star, snip
Feet: LR-sock LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #11

Horse #355 Band #77
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-star, strip, snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #11

Horse #356 Band #77
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR-sock LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #11
LOCATION: Sec.23,T.2N., R.31E.

Horse #357 Band #78
COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #12

Horse #358 Band #78
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #12
LOCATION: Sec.31,T.3N., R.32E. (all of band #78)

Horse #360 — Band #79

COLOR: Sorrel-brown
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #4

Horse #361 — Band #79

COLOR:
CLASS:
SEX:
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR-stocking RF-
CONDITION: Good
PHOTO: Roll #15, frame #4.
LOCATION: NW¼,Sec.31,R.2N., R.32E.

Horse #363 — Band #80

COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #4

Horse #364 — Band #80

COLOR: Bay-dark to black
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #4
LOCATION: NW¼,Sec.31,T.2N., R.32E.

Horse #365 Band #81
COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR-pastern LF-pastern
RR-pastern RF-pastern
CONDITION: Good
PHOTO: Roll #15, frame #17; Roll #16, frame #7-8.

Horse #366 Band #81
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #17

Horse #367 Band #81
COLOR: Sorrel
CLASS: Foal
SEX:
DESCRIPTION:
MARKINGS: Facial-blaze
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #15, frame #17; Roll #16, frame #7-8

Horse #368 Band #81
COLOR:
CLASS:
SEX:
DESCRIPTION:
MARKINGS: Facial-
Feet: LR-pastern LF-pastern
RR-pastern RF-pastern
CONDITION: Good
PHOTO: Roll #15, frame #17
LOCATION: Sec.28,T.3N., R.32E. & Sec.22,T.3N., R.32E.

Horse #369 Band #82
COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial- star, strip, snip
Feet: LR-stocking LF-
RR-sock RF-
CONDITION: Good
PHOTO: Roll #16, frames #11-12.

Horse #370 Band #82
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR-pastern RF-
CONDITION: Good
PHOTO: Roll #16, Frame #11-12
LOCATION: Sec.10,T.3N., R.32E.

Horse #371 Band #83
COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #16, frame #5

Horse #372 Band #83
COLOR: Bay
CLASS: Foal (yearling)
SEX:
DESCRIPTION:
MARKINGS: Facial-star, strip lower half, snip
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #16, frame #5

Horse #373 Band #83
COLOR: Bay-dark
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR-stocking LF-stocking
RR-stocking RF-stocking
CONDITION: Good
PHOTO: Roll #16, frame #5
LOCATION: Sec.22, T.3N., R.32E.

Horse #376 Band #84
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #17, frame #7

Horse #377 Band #84
COLOR:
CLASS:
SEX:
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #17, frame #7

Horse #378 Band #84
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #17, frame #7
LOCATION: Sec.30,T.2N., R.31E.

Horse #379 Band #85
COLOR: Buckskin
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #17, frame #5-6

Horse #380 Band #85
COLOR: Black
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #17, frame #5-6

Horse #381 Band #85
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-star, strip, wide snip
Feet: LR-socks LF-
RR-socks RF-
CONDITION: Good
PHOTO: Roll #17, frames #5-6
LOCATION: Sec. 7. T.2N.,R.31E.

Horse #381 Band #85
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-star, strip, wide snip
Feet: LR-socks LF-
RR-socks RF-
CONDITION: Good
PHOTO: Roll #17, frames #5-6
LOCATION: Sec.7,T.2N.,R.31E.

Horse #381 Band #85
COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-star, strip, wide snip
Feet: LR-socks LF-
RR-socks RF-
CONDITION: Good
PHOTO: Roll #17, frames #5-6
LOCATION: Sec.2,T.2N., R.31E.

Horse #382 Band #86
COLOR: Black
CLASS: Adult
SEX: Male (lead)
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #18, frame #19

Horse #383 Band #86
COLOR: Buckskin-gold
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #18, frame #19

Horse #384 Band #86
COLOR: Sorrel
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #18, frame #19

Horse #385 — Band #86

COLOR: Bay
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #18, frame #19

Horse #386 — Band #86

COLOR: Sorrel-darker
CLASS: Adult
SEX: Female
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #18, frame #19
LOCATION: Sec.22,T.3N., R.31E.

Horse #343 — Solitary

COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial- star, snip
Feet: LR-black LF-black
RR-black RF-black
CONDITION:
PHOTO: Roll #14, frame #19
LOCATION: SE¼,Sec.1,T.1N., R.31E.

Horse #359 — Solitary

COLOR: Sorrel
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-red Tail-red
MARKINGS: Facial-star, wide snip
Feet: LR-stocking LF-stocking
RR-stocking RF-stocking
CONDITION: Good
PHOTO: Roll #15, frame #16
LOCATION: Sec. 28,T.3N., R.32E.

Horse #362 — Solitary

COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR-sock LF-
RR-sock RF-
CONDITION: Good
PHOTO: Roll #15, frame #8
LOCATION: SW¼,Sec.35,T.2N., R.31E.

Horse #374 — Solitary

COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION: Mane-black Tail-black
MARKINGS: Facial-
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #16, frame #6
LOCATION: Sec.22,T.3N.,R.32E.

Horse #375 — Solitary

COLOR: Bay
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-
Feet: LR-pastern LF-
RR-pastern RF-
CONDITION: Good
PHOTO: Roll #16, frame #9-10
LOCATION: Sec. 10,T.3N., R.32E.

Horse #387 — Solitary

COLOR: Bay-dark
CLASS: Adult
SEX: Male
DESCRIPTION:
MARKINGS: Facial-star
Feet: LR- LF-
RR- RF-
CONDITION: Good
PHOTO: Roll #18, frame #7
LOCATION: N½,Sec.2,T.1N., R.31E.

APPENDIX IV

PHOTOGRAPHIC INVENTORY ON FILE

AT BRIDGEPORT RANGER STATION

Appendix II

LIST OF WILDLIFE

The following is a list of Reptiles, Amphibians, birds and mammals occurring within the territory. Due to factors (e.g., lack of previous studies in area) some of the species have not been observed by field personnel. Their presence has been determined by professional judgement using literature and/or comparisons with similar habitats where said species are known to occur. The following categories of probability were used for predicting occurrence.

1. Does Occur: Based on actual observation by individuals in area of concern.

2. Very likely to occur: (species will probably occur), based on observations from similar habitats in adjacent areas.

3. May occur: (species occurrence possible), based on literature citing occurrence in similar habitats.

4. A possibility: An intuitive prediction derived from intangible evidence.

The following symbols are used to denote seasonal status and habitat associations:

Pr = Permanent resident
Sr = Summer resident (usually breeds in area)
Wr = Winter resident
M = Migrated through area
Pl = Playa (intermittent lakes)
Pj = Pinyon-Juniper woodland
S = Sagebrush
R = Riparian (includes meadow, willow, Aspen and buffaloberry)

Common Name	Probability Occurrence	Seasonal Status	Habitat
Eared Grebe	1	M	PL
Mallard	1	M	PL
Goshawk	2	PR	PJ, R
Coopers Hawk	1	SR	PJ, R
Red-tailed Hawk	1	SR	PJ, S, R
Rough-legged Hawk	2	M	S
Golden Eagle	1	SR	S, PJ
Prairie Falcon	2	SR	S
American Kestrel	1	SR	S
Merlin	3	M	S
Sage Grouse	1	PR	S, R
California Quail	1	PR	PJ, R
Mountain Quail	1	PR	PJ, R
Chukar	1	PR	P, R
American Coot	2	M	Pl
Killdeer	1	SR	Pl, R
Common Snipe	1	SR	R
Lesser Yellowlegs	1	M	Pl
Wilson's Phalarope	2	M	Pl
Northern Phalarope	2	M	Pl
California Gull	2	M	Pl
Band tailed Pigeon	1	M	PJ, R
Mourning Dove	1	SR	PJ, R
Screech Owl	1	SR	PJ, R
Flammulated Owl	1	SR	PJ
Pigmy Owl	2	SR	PJ
Short-eared Owl	2	M	R
Poor-will	1	SR	S, PJ
Common Nighthawk	1	SR	S
White-throated Swift	2	M	PJ, S, R
Townsend Solitare	1	PR	PJ
Blue-gray Gnatcatcher	2	SR	PJ, R
Ruby-crowned Kinglet	2	M	R
Cedar Waxwing	1	M	R
Loggerhead Shrike	1	SR	PJ, S
Warbling Vireo	1	SR	R
Gray Vireo	4	SR	PJ, R
Wilson's Warbler	1	SR	R
Yellow-rumped Warbler	2	M	R
Orange crowned Warbler	2	M	P
Western Meadowlark	1	SR	S, R
Brewer's Blackbird	1	SR	R
Red-winged Blackbird	1	M	R
Northern Oriole	1	M	R
Brown-headed Cowbird	1	SR	R
Western Tanager	1	M	R
Black-headed Grosbeak	1	M	R
Lazuli Bunting	1	SR	R

Common Name	Probability Occurrence	Seasonal Status	Habitat
House Finch	1	SR	PJ, R
Red Crossbill	2	WR	PJ
Green-tailed Towhee	1	SR	PJ, S
Rufuous-sided Towhee	1	SR	R
Savanna Sparrow	2	M	S, R
Vesper Sparrow	1	SR	S
Black-throated Sparrow	1	SR	PJ, R
Dark-eyed (Oregon) Junco	1	PR	PJ, R
Dark-eyed(Slate-Colored)Junco	2	WR	PJ, R
White-crowned Sparrow	2	M	R
Sage Sparrow	1	SR	PJ, S
Brewer's Sparrow	1	SR	PJ, S
Chipping Sparrow	1	SR	PJ, S, R
Merriam Shrew	2		S
California Mole	2		R
Yuma Myotis	3		
Long-eared Myotis	3		
California Myotis	3		
Western Pipistrel	2		
Hoary Bat	2		
Spotted Bat	3		
Western Big-eared Bat	3		
Pallid Bat	3		
Mexican-free tailed Bat	3		
Black-tailed Jackrabbit	1		PJ, S, R
Nuttail Cottontail	1		PJ, S, R
Pigmy Rabbit	1		S
Belding Ground Squirrel	1		R
Townsend's Ground Squirrel	2		S
California Ground Squirrel	1		PJ, R
Golden-Manteled Ground Squirrel	1		PJ
White-tail Antelope Ground Squirrel	1		S
Least Chipmunk	1		S, PJ
Panamint Chipmunk	1		PJ
Valley Pocket Gopher	2		R
Northern Pocket Gopher	2		S
Little Pocket Mouse	3		S
Great Basin Pocket Mouse	1		S, PJ
Long-tailed Pocket Mouse	3		S
Canyon Mouse	3		PJ
Deer Mouse	1		S, PJ, R
Pinyon Mouse	2		PJ
Brush Mouse	3		PJ, S
Grasshopper Mouse	2		PJ, S, R
Bushytail Woodrat	1		PJ, S

Common Name	Probability Occurrence	Seasonal Status	Habitat
Mountain Vole	3		R
Longtail Vole	3		R
Sagebrush Vole	1		S
Ords Kangaroo Rat	2		S, PJ
Panamint Kangaroo Rat	2		S, PJ
Dark Kangaroo Mouse	2		S
Porcupine	3		PJ, R
Coyote	1		PJ, S, R
Kit Fox	4		S
Gray Fox	3		PJ, S, R
Mountain Lion	1		PJ, R
Bobcat	1		PJ, S, R
Longtail Weasel	1		PJ, S, R
Badger	1		PJ, S
Spotted Skunk	3		PJ, S, R
Mule Deer	1		PJ, S, R
Ringtail Cat	4		PJ, R

APPENDIX III

PLANT SPECIES LIST

GRASSES

Agrostis Stolonifera
Bouteloua
Elymus cinereus
Poa pratensis
Poa nevadensis
Poa secunda
Oryzopsis hymenoides
Muhlenbergia richardsonis
M. asperifolia
Sitanion hystrix
Stipa comata
Stipa nevadensis
Hordeum jubatum
Distichlis spicata var. stricta
Bromus tectorum
Agropyron
Polypogon monspeliensis
Spartina gracilis
Sporabolus airoides
Phleum pratense

GRASSLIKE

Carex sp.
Juncus sp.
Carex nebrascensis
Eleocharis parishii
Juncus balticus
Juncus ensifolius var. montanus

FORBS

Allium
Aquilegia Shockleyi
Argemone munita
Astragalus sp.
A. canadensis var. brevidens
Ascleepias speciosa
Berula erecta
Calochortus
Castilleja
Chenopodium
Chorizanthe
Cirsium drummondii
Conium maculatum
Crypthantha
Delphinium

Equisetum laevigatum
Erigeron chrysopsidis
Eriogonum lemmonii
Eriogonum umbellatum
E. caespitosum
Erysimum
Gilia leptomeria
Happlopappus
Iris missouriensis
Lupinus Palmeri and other
Mentha arvensis
Mimulus guttata
Nasturtium officinale
Oenothera hookeri
Penstemon
Phacelia cryptantha
Plantage major
Phlox
Plagiobothrys
Potentilla pectinisecta
Rumex crispus
Salsola kali
Senecio
Silene menziesii dorrii
Sisyrinchium bellum
Sisyrimchium idahoensis
S. halophilum
Solidago spectabilis
Sphaeralcea
Suaeda occidentalis
Taraxcum
Trifolium workskioldii
Triglochin concinna var. debile
Ranunculus cymbalaria var. saximontanus
Veronica americana
Zigadenus venenosus

TREES AND SHRUBS

Artemisia arbuscula
Artemisia arbuscula var. nova
Artemisia tridentata tridentata
Artemisia tritentata wyomingensis
Artemisia cana
Eurotia lanata
Cercocarpus lediflorus
Ceanothus cordulatus
Chrysothamnus nauseosus
Chrysothamnus viscidiflorus
Ephedra viridis
Eriogonum sp.
Juniperus occidentalis
J. osteosperma
Juniperus utahensis

Grayia spinosa
Holodiscus dumosus
Leptodactylon pungens
Pinus flexilis
Opuntia sp.
Pinus monophylla
Populus tremuloides
Purshia tridentata
Ribes cereum
Rosa sp.
Salix sp.
Salvia dorrii
Sambucus glauca
Shepherdia argentea
Symphoricarpos longiflorus
Symphoricarpos albus
Tetradymia canescens
Sarcobatus vermiculatus
Artiplex