

Proposed Wildlife Stipulations

Proposed Stipulations

NO SURFACE OCCUPANCY STIPULATION

Known Raptor Species Breeding Territories on the Pike and San Isabel National Forests

No surface occupancy or use is allowed on the lands described below (legal subdivision or other description).

Breeding territories around active or alternate raptor nests on the Pike and San Isabel National Forest that are not protected by stipulations for federally listed endangered, threatened, proposed, or candidate species. Breeding territories may include occupied habitats used for courtship, nesting (active or inactive), and fledgling use.

Raptor Species	Buffer Zone
American Kestrel, Boreal Owl, Northern Saw-whet Owl, Western Screech-Owl, Great Horned Owl, Long-eared Owl, Burrowing Owl	200 meters
Golden Eagle, Bald Eagle, Osprey, Cooper's Hawk, Sharp-shinned Hawk, Flammulated Owl, Northern Pygmy-Owl, Swainson's Hawk, Red Tailed Hawk	400 meters
Prairie Falcon, Northern Goshawk, Peregrine Falcon, Ferruginous Hawk	800 meters

On the lands described below:

As shown on the attached map, Exhibit A.
Map will be updated as breeding territories are found.

For the purpose of: Protection of raptor breeding sites to increase chance of reproductive success.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion Fish and Wildlife Service and the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

NO SURFACE OCCUPANCY STIPULATION
Known Regional Forester Sensitive Raptor Species Breeding on the Cimarron and Comanche National Grasslands

No surface occupancy or use is allowed on the lands described below (legal subdivision or other description).

Breeding territories around active nests on the Cimarron and Comanche National Grasslands that are not protected by stipulations for federally listed endangered, threatened, proposed, or candidate species. Breeding territories may include occupied habitats used for courtship, nesting (active or inactive nests), and fledgling use.

Raptor Species	Buffer Zone
Burrowing Owl	200 meters
Ferruginous Hawk	800 meters
Bald Eagle	800 meters
Northern Goshawk	800 meters
Peregrine Falcon	800 meters

Note: Regional Forester Sensitive Species (RFSS) may change over time as species are added or deleted from the list concurrent with their conservation status. Species listed in the table above are those RFSS that are currently known to occur on the Cimarron and Comanche National Grasslands. The stipulation described above would apply to any raptors listed as RFSS at the time of occupancy.

On the lands described below:

As shown on the attached map, Exhibit A.

Map will be updated if raptors are added or deleted from the RFSS list or when new breeding territories are found.

For the purpose of: Protection of raptor breeding sites to increase chance of reproductive success.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with the Colorado Division of Wildlife, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Proposed Stipulations

NO SURFACE OCCUPANCY STIPULATION
Known Endangered, Threatened, Proposed or Candidate Species Populations and
Potential Habitats

No surface occupancy is allowed on the lands described below (legal subdivision or other description).

Habitat areas for those species listed by the federal government as endangered or threatened, and for federally proposed or candidate species. Habitat areas include key occupied habitat and habitat necessary for the maintenance or recovery of the species. Federally listed and proposed species and designated critical habitat may be added or removed from the below list as determined by the USFWS.

Canada lynx (*Lynx canadensis*)

Greenback cutthroat trout (*Oncorhynchus clarkii stomias*)

Gunnison's prairie dog (*Cynomys gunnisoni*)

Lesser Prairie-chicken (*Tympanuchus pallidicinctus*)

Mexican Spotted Owl (*Strix occidentalis lucida*)

Pawnee montane skipper (*Hesperia leonardus montana*)

Preble's meadow jumping mouse (*Zapus hudsonius preblei*)

For Canada lynx this stipulation is restricted to mapped prime denning habitats.

For greenback cutthroat trout this stipulation is restricted to 800 meters from occupied streams.

For Gunnison's prairie dog this stipulation is restricted to occupied habitat.

For Lesser Prairie-chicken, this stipulation is restricted to leks that have shown any activity since 2003 and a 3,220 meter buffer (2 miles).

For Mexican Spotted Owl this stipulation is restricted to Protected Activity Centers (PACs).

For Pawnee montane skipper this stipulation is restricted to potential and occupied habitat.

For Preble's meadow jumping mouse this stipulations is restricted to designated critical habitat.

On the lands described below:

As shown on the attached map, Exhibit A.

Maps will be updated if species or designated critical habitat are added or removed from the federal list as determined by USFWS.

Maps will also be updated on a regular basis to show leks that have been active since 2003.

For the purpose of: Protection of occupied and potential habitats necessary for the maintenance or recovery of species listed under the Endangered Species Act (including proposed and candidate species).

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, applicable regulatory and environmental compliance requirements and section 7 consultation/ conference under the ESA with US Fish and Wildlife Service.

In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

NO SURFACE OCCUPANCY STIPULATION
Regional Forester Sensitive Species Key Habitats

No surface occupancy or use is allowed on the lands described below (legal subdivision or other description).

For bighorn sheep this stipulation is restricted to winter ranges, production areas, and migration corridors.

For Black Swifts this stipulation is restricted to an area within 400 meters of all known occupied and historic nests that have been active in the last 5 years.

For boreal toad this stipulation is restricted to an area within 800 meters of the water influence zone (WIZ) of occupied or historic breeding sites that have been active in the last 15 years.

For fringed myotis this stipulation is restricted to an area within 250 meters from all caves and known roost sites.

For Townsend's big-eared bat this stipulation is restricted to an area within 250 meters from all caves and known roost sites.

On the lands described below:

As shown on the attached map, Exhibit A.

Map will be updated when species are added or deleted from the RFSS list or when new sites are found or habitats are updated. Bighorn sheep habitat is mapped by the CDOW and is reviewed and updated every 4 years.

For the purpose of: Protection of occupied and historic sensitive species habitats to avoid disturbance that may lead to a trend toward listing or threaten viability.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

CONTROLLED SURFACE USE STIPULATION
Potential Raptor Breeding Territories and Winter Roost Sites

Surface occupancy or use is subject to the following special operating constraints.

For those habitats identified as potential raptor breeding habitat special design, construction, operation, mitigation, implementation, reclamation, and monitoring measures, including relocation of operations by more than 200 meters may be required.

Mitigations may include use of contained drilling systems, specific design of fuel storage, spill plans and specific design of water handling facilities and sound mitigation. Mitigations will be developed based on site conditions and are not limited to those listed above.

Habitats will be ground-truthed. If quality nesting habitat is found, surveys will be done to the current scientific standards and protocol prior to project activities.

If active or alternative nests are found the following buffer zones may be applied.

Raptor Species	Buffer Zone (radius from nest)
American Kestrel	200 meters
Bald Eagle (Winter Roost)	800 meters
Boreal Owl	200 meters
Cooper's Hawk	400 meters
Ferruginous Hawk	800 meters
Flammulated Owl	400 meters
Golden Eagle	800 meters
Great Horned Owl	200 meters
Long-eared Owl	400 meters
Northern Goshawk	800 meters
Northern Harrier	400 meters
Northern Pygmy-Owl	400 meters
Northern Saw-whet Owl	200 meters
Osprey	400 meters
Peregrine Falcon	800 meters
Prairie Falcon	800 meters
Red-tailed Hawk	500 meters
Sharp-shinned Hawk	400 meters
Swainson's Hawk	400 meters
Western Screech-Owl,	200 meters

On the lands described below:

As shown on the attached map, Exhibit A.

For the purpose of: Protection of raptor breeding sites to increase chance of reproductive success.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with US Fish and Wildlife Service the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Proposed Stipulations

CONTROLLED SURFACE USE STIPULATION

Deer, Elk, Moose and Pronghorn Habitats

Surface occupancy or use is subject to the following special operating constraints.

For those habitats identified as known winter ranges, winter concentration areas, severe winter ranges, production areas, summer concentration areas, and migration corridors for deer, elk, moose and pronghorn special design, construction, operation, mitigation, implementation, reclamation, and monitoring measures, including relocation of operations by more than 200 meters.

Mitigations may include use of contained drilling systems, specific design of fuel storage, spill plans and specific design of water handling facilities and sound mitigation. Mitigations will be developed based on site conditions and are not limited to those listed above.

On the lands described below:

As shown on the attached map, Exhibit A.

Maps may be updated when CDOW reviews and remaps big game habitat every four years.

For the purpose of: Protection of key big game habitats.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

CONTROLLED SURFACE USE STIPULATION
Threatened, Endangered, Proposed or Candidate Species Potential Habitats

Habitat areas for those species listed by the federal government as endangered or threatened, proposed or candidate species. Habitat areas include potential and/or suitable habitat that is beneficial for the maintenance or recovery of the species.

Special design, construction, operation, mitigation, implementation, reclamation, and monitoring measures, including relocation of operations by more than 200 meters may be required.

Mitigations may include use of contained drilling systems, specific design of fuel storage, spill plans and specific design of water handling facilities and sound mitigation. In watersheds with Greenback cutthroat trout there will be no net increase of roads in the watershed. Mitigations will be developed based on site conditions and are not limited to those listed above.

Canada lynx (*Lynx canadensis*)
Greenback cutthroat trout (*Oncorhynchus clarkii stomias*)
Gunnison's prairie dog (*Cynomys gunnisoni*)
Gunnison's Sage-grouse (*Centrocercus minimus*)
Lesser Prairie-chicken (*Tympanuchus pallidicinctus*)
Mexican Spotted Owl (*Strix occidentalis lucida*)
North American wolverine (*Gulo gulo*)
Preble's meadow jumping mouse (*Zapus hudsonius preblei*)
Uncompahgre fritillary (*Boloria acrocne*)

For Canada lynx this stipulation includes habitats modeled as linkage, denning, foraging and other habitat.

For Greenback cutthroat trout this stipulation includes all watersheds that contain protected populations.

For Gunnison's prairie dog this stipulation includes all potential habitat.

For Gunnison's sage grouse this stipulation includes all potential habitat.

For Lesser Prairie-Chicken this stipulation includes all potential habitat.

For Mexican Spotted Owl this stipulation includes all habitat designated as critical, protected or restricted by the Fish and Wildlife Service.

For North American wolverine this stipulation includes all potential habitat.

For Preble's meadow jumping mouse this stipulations includes all potential habitat.

For Uncompahgre fritillary butterfly this stipulation includes all potential habitat.

Surface occupancy or use is subject to the following special operating constraints.

For those habitats identified; special design, construction, operation, mitigation, implementation, reclamation, and monitoring measures, including relocation of operations by more than 200 meters may be required.

On the lands described below:

As shown on the attached map, Exhibit A.

Maps will be updated if species are added or removed from the federal list as determined by USFWS.

For the purpose of: Protection of key breeding, rearing, and foraging habitats.

Waivers, exceptions, or modifications (WEMs) to this stipulation will be subject to ESA section 7 consultation/ conference with US Fish and Wildlife Service.

In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

CONTROLLED SURFACE USE STIPULATION
Known and/or Potential Habitats for Management Indicator and Regional Forester
Sensitive Species

Surface occupancy or use is subject to the following special operating constraints.

For known or potential habitats exist for those species listed as Sensitive by the Forest Service Rocky Mountain Region or PSICC Management Indicator Species, special design, construction, operation, mitigation, implementation, reclamation, and monitoring measures, including relocation of operations by more than 200 meters may be required.

Sensitive species not listed here have been found to be adequately protected by other stipulations or through standard lease terms.

Abert's squirrel (*Sciurus aberti*)
American hognosed skunk (*Conepatus leuconotus*)
American marten (*Martes americana*)
American Peregrine Falcon (*Falco peregrinus anatum*)
Bald Eagle (*Haliaeetus leucocephalus*)
Black Swift (*Cypseloides niger*)
Black-tailed prairie dog (*Cynomys ludovicianus*)
Boreal Owl (*Aegolius funereus*)
Boreal toad (*Anaxyrus boreas boreas*)
Bullock's Oriole (*Icterus bullockii*)
Burrowing Owl (*Athene cunicularia*)
Ferruginous Hawk (*Buteo regalis*)
Flammulated Owl (*Otus flammeolus*)
Fringed myotis (*Myotis thysanodes*)
Hoary Bat (*Lasiurus cinereus*)
Mountain Plover (*Charadrius montanus*)
Northern Goshawk (*Accipiter gentilis*)
Northern Harrier (*Circus cyaneus*)
Northern leopard frog (*Lithobates pipiens*)
Ottoe skipper (*Hesperia ottoe*)
Plains leopard frog (*Lithobates blairi*)
River otter (*Lontra canadensis*)
Rocky Mountain Bighorn Sheep (*Ovis canadensis canadensis*)
Susan's purse making caddisfly (*Ochrotrichia susanae*)
Townsend's big-eared bat (*Plecotus townsendii*)
White-tailed ptarmigan (*Lagopus leucurus*)

On the lands described below:

As shown on the attached map, Exhibit A.

Map will be updated when species are added or deleted from the RFSS list or when new sites are found or habitats are updated.

For the purpose of: Avoiding habitat conversion and disturbance to Sensitive Species that would result in a trend toward federal listing or loss of viability.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Proposed Stipulation

TIMING LIMITATION STIPULATION
Potential Raptor Breeding Territories and Winter Roost Sites

No surface use is allowed during the following time period(s) on the lands described below.

Habitats will be ground-truthed. If quality nesting habitat is found, surveys will be done to the current scientific standards and protocol prior to project activities.

If active or alternative nests are found the following timing restrictions and buffer zones will be applied.

Raptor Species	Timing Restriction	Buffer Zone (radius of nest)
American Kestrel	February 1 through September 15	200 meters
Bald Eagle (Winter Roost)	Nov 15 through March 15	800 meters
Boreal Owl	February 1 through September 15	200 meters
Cooper's Hawk	March 1 through September 15	400 meters
Ferruginous Hawk	February 1 through July 15	800 meters
Flammulated Owl	April 15 through September 15	400 meters
Golden Eagle	December 15 through July 15	800 meters
Great Horned Owl	February 1 through September 30	200 meters
Long-eared Owl	February 1 through August 15	400 meters
Northern Goshawk	March 1 through September 15	800 meters
Northern Harrier	March 1 through September 15	400 meters
Northern Pygmy-Owl	February 1 through September 15	400 meters
Northern Saw-whet Owl	February 1 through August 15	200 meters
Osprey	April 1 through August 31	400 meters
Peregrine Falcon	March 15 through July 31	800 meters
Prairie Falcon	March 15 through July 15	800 meters
Red-tailed Hawk	February 15 through July 15	500 meters
Sharp-shinned Hawk	March 1 through September 15	400 meters
Swainson's Hawk	April 1 through July 15	400 meters
Western Screech-Owl,	February 1 through August 15	200 meters

On the lands described below:

As shown on the attached map, Exhibit A.

For the purpose of: Protection of raptor breeding sites to increase chance of reproductive success.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Proposed Stipulations

TIMING LIMITATION STIPULATION
Deer, Elk, Moose and Pronghorn Habitats

No surface use is allowed during the following time period(s) on the lands described below.

1. Annually from December 1 through April 14 on lands identified and mapped as deer, elk, moose and pronghorn winter ranges, winter concentration areas, and severe winter ranges.

3. Annually from May 15 through June 30 on lands identified and mapped as calving/fawning areas for deer, elk, moose and pronghorn.

On the lands described below:

As shown on the attached map, Exhibit A.

Maps may be updated when CDOW reviews and remaps big game habitat every four years.

For the purpose of: Protection of key big game habitats.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

**TIMING LIMITATION STIPULATION
Avian Sensitive Species Potential Habitat**

No surface use is allowed during the following time period on the lands described below.

Annually from March 15 through June 30 in all Gunnison Sage-grouse potential habitat.

Annually from March 15 through July 15 in all Lesser Prairie-chicken potential habitat.

Annually from April 1 through June 30 in all Mountain Plover potential habitat.

Annually from May 15 through July 30 in all Cassin's Sparrow potential habitat.

Annually from May 1 through August 30 in all Loggerhead Shrike potential habitat.

Annually from May 15 through August 15 in all Lewis's Woodpecker potential habitat.

Annually from April 15 through July 15 in all Long-billed Curlew potential habitat.

On the lands described below:

As shown on the attached map, Exhibit A.

For the purpose of: Protection of nesting and brood rearing hens.

Waivers, exceptions, or modifications (WEMs) will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, FS discussion with the Colorado Division of Wildlife or Kansas Department of Wildlife and Parks, and will be subject to applicable regulatory and environmental compliance requirements. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected.

Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Non-Wildlife Stipulations

May 20, 2013

Proposed Stipulations

No Surface Occupancy

Proposed Stipulations

NO SURFACE OCCUPANCY STIPULATION
Administrative Sites and Recreation Facilities

No surface occupancy or use is allowed on the lands described below.

Lands delineated as administrative sites and recreational facilities on the attached maps, **Exhibits ASRF**. For additional site information see the attached listing of administrative sites and recreation facilities by name and type of facility.

Within, and for 400 meters (approx. ¼ mile) around the perimeter of; administrative sites, developed campgrounds and picnic areas, improved trailheads and interpretive sites, visitor centers, recreation rental cabins, recreation residences, permitted organization camps or resorts.

For the purpose of:

Protecting the investment of facilities within the site, preserving any historic significance of the site, protecting the recreation experience and safety of forest users, protecting any uses authorized by permit, and protecting the natural environment that initially made the areas desirable for use and development.

Waivers, exceptions or modifications (WEMs):

WEMs to this will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that the resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

NO SURFACE OCCUPANCY STIPULATION
Special Interest Areas

No surface occupancy or use is allowed on the lands described below:

Lands delineated as special interest areas on the attached maps, **Exhibits X, Y, and Z.**

Lands within, and for 400 meters (approx. ¼ mile) around, designated special interest areas (see list of special interest areas below).

Road, utility and pipeline crossings of special interest areas that are linear in nature (e.g. national historic trails, scenic byways, and eligible wild and scenic rivers) may be approved where reasonable alternatives do not exist. However, the Forest Service may identify specific crossing site(s) and require special design features to protect the attributes for which the area is designated.

Pikes Peak National Historic Landmark
Lost Creek National Natural Landmark

Alpine Tunnel National Historic District
Interlaken Resort National Historic District
North Fork National Historic District
Twin Lakes National Historic District
Saint Elmo National Historic District
Squirrel Creek National Historic District

Boreas Pass Railroad Station National Historic Place
Crescent Mine Camp (Rockdale) National Historic Place
Devils Head Fire Lookout National Historic Place
Eugene Rourke Ranch National Historic Place
Gold Camp Road National Historic Place
Iron Springs Stage Station National Historic Place
Middle Spring National Historic Place
Mingus Homestead National Historic Place
Point of Rock National Historic Place
Shawnee Townsite National Historic Place
Vicksburg Mining Camp National Historic Place
Winfield Mining Camp National Historic Place

Browns Cabin (Iron City) Colorado State Historic Place
Glen Cove Inn Colorado State Historic Place
Kenosha Pass Railroad Station Colorado State Historic Place
Monument Nursery Colorado State Historic Place
Vogel Canyon Archeological District Colorado State Historic Place

Barr National Recreation Trail
Devils Head National Recreation Trail
Continental Divide National Scenic Trail
Santa Fe National Historic Trail – Mountain Branch
Santa Fe National Historic Trail – Aubrey Cutoff
Santa Fe National Historic Trail – Fort Union Wagon Road

Collegiate Peaks Scenic and Historic Byway
Frontier Pathways Scenic and Historic Byway
Guanella Pass Scenic and Historic Byway
Highway of Legends Scenic and Historic Byway
Mount Evans Scenic and Historic Byway
Santa Fe Trail Scenic and Historic Byway
Top of the Rockies Scenic and Historic Byway

South Platte Wild and Scenic River Eligible Corridor
Arkansas Wild and Scenic River Eligible Corridor

Picketwire Canyonlands Paleontological Area
Picture Canyon Historical Area
Queens Canyon Geological Area
Windy Ridge Bristlecone Pine Scenic Area

The Colorado Trail
Manitou and Pikes Peak Cog Railway
Pikes Peak Highway
United States Air Force Academy

For the purpose of:

Protecting the scenic, ecological, historical, botanical, paleontological or zoological attributes for which the area or site was designated; including the recreational experience and safety of forest users, investments in facilities, and any uses specifically authorized by permit.

Waivers, exceptions or modifications (WEMs):

WEMs to this stipulation will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that the resource of specific concern and the experiences as described in the desired conditions for the areas and forest users are protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected and desired conditions are met. Granting of a WEM is a discretionary action which the operator should rarely expect for this stipulation.

NO SURFACE OCCUPANCY STIPULATION
Research Natural Areas

No surface occupancy or use is allowed on the lands described below

Lands delineated as research natural areas on the attached maps, Exhibits YY and ZZ and listed below.

Designated and potential research natural areas

Campo Research Natural Area
Hoosier Ridge Research Natural Area
Hurricane Ridge Research Natural Area
Saddle Mountain Research Natural Area

OU Creek Potential Research Natural Area
Mesa de Maya Potential Research Natural Area
Bent Canyon Bluffs Potential Research Natural Area
Gray Back Peak Potential Research Natural Area
Crystal Creek Potential Research Natural Area
Thirtynine Mile Mountain Potential Research Natural Area
Black Mountain Potential Research Natural Area
Long Scraggy Peak Potential Research Natural Area
Mill Gulch Potential Research Natural Area
McCurdy Mountain Potential Research Natural Area
Craig Peak Potential Research Natural Area
East Spanish Peaks Potential Research Natural Area
Teddy's Peak Potential Research Natural Area
Purgatoire Potential Research Natural Area
Strawberry Creek Potential Research Natural Area
Bruff Creek Potential Research Natural Area
Apache Creek Potential Research Natural Area
Big Red Butte Potential Research Natural Area
Tanner Peak Potential Research Natural Area
Badger Creek Potential Research Natural Area
Weston Peak Potential Research Natural Area

For the purpose of:

Protecting unique ecosystems and the integrity of research activities within the above listed areas.

Waivers, exceptions or modifications (WEMs):

No WEMs will be considered.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Proposed Stipulations

NO SURFACE OCCUPANCY STIPULATION
Slopes >60%

No surface occupancy or use is allowed on the lands described below

Lands delineated as having slopes greater than 60% on the attached maps, **Exhibits S>60**. Some but not all of these slopes are mapped, so the actual areas of no surface occupancy will be determined by site specific field delineation.

For the purpose of:

Avoiding areas with slopes greater than 60% and/or geologic instability to prevent further mass movements and slope failure; maintaining or improving water quality to meet Federal and State standards; preventing significant or permanent impairment to soil productivity; and preventing occupancy in areas where reclamation would be ineffective.

Waivers, Exceptions or Modifications (WEMs):

WEMs to this stipulation will be subject to the Forest Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

NO SURFACE OCCUPANCY STIPULATION
Water Influence Zones within the Pike and San Isabel National Forests

No surface occupancy or use is allowed on the lands described below.

Lands delineated as water influence zones (WIZ) and adjacent water influence zone buffers on the attached maps, **Exhibits WW and XX**. Some but not all of these WIZ are mapped, so the actual areas of no surface occupancy will be determined by site specific field delineation.

The WIZ includes the area within, and adjacent to: perennial and intermittent streams, wetlands, fens, springs, riparian areas, lakes, ponds and reservoirs. The WIZ includes the inner gorge, geomorphic floodplain (valley bottom), and the associated riparian ecosystems. Within the Pike and San Isabel National Forests, the area of no surface occupancy extends for an additional 100 meters (approx. 330 feet) beyond the outer perimeter of the floodplain or the outer edge of the riparian dependent vegetation, whichever is greater.

Road, utility and pipeline crossings of WIZ that are linear in nature (e.g. streams and floodplains) may be approved where reasonable alternatives do not exist. However, the Forest Service may identify specific crossing site(s) and require special design features to maintain hydrologic functioning and minimize adverse impacts to fish and other aquatic organisms.

For the purpose of:

Sustaining the ecological function and water related values of WIZ, including; long-term proper stream functioning, the health of associated riparian ecosystems, wildlife habitat, aquatic habitat dependent species, appropriated water uses, preventing damage caused by increased runoff, protecting water quality; and preventing the transport of pollutants into surface water.

Waivers, exceptions or modifications (WEMs):

No WEMs will be considered for WIZ areas associated with wetlands or fens. However, WEMs may be considered for WIZ associated with streams, springs, riparian areas, lakes, ponds and reservoirs. WEMs will only be considered if it can be demonstrated that long-term stream health can be maintained and that aquatic values will be protected. WEMs will be subject to the Watershed Conservation Practices Handbook (FSH 2509.25), applicable regulatory and environmental compliance requirements, and the Land and Resource Management Plan in effect at the time of consideration. In the event an exception is granted, the activity will be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of an exception is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

NO SURFACE OCCUPANCY STIPULATION
Water Influence Zones within the Cimarron and Comanche National Grasslands

No surface occupancy or use is allowed on the lands described below.

Lands delineated as water influence zones (WIZ) on the attached maps, **Exhibits YY and ZZ**. Some but not all of these WIZ are mapped, so the actual areas of no surface occupancy will be determined by site specific field delineation.

The WIZ includes the area within, and adjacent to: perennial and intermittent streams, wetlands, fens, springs, riparian areas, lakes, ponds and reservoirs. The WIZ includes the inner gorge, geomorphic floodplain (valley bottom), and the associated riparian ecosystems. Within the Cimarron and Comanche National Grasslands, the area of no surface occupancy extends to the outer perimeter of the floodplain or the outer edge of the riparian dependent vegetation, which ever is greater.

Road, utility and pipeline crossings of WIZ that are linear in nature (e.g. streams and floodplains) may be approved where reasonable alternatives do not exist. However, the Forest Service may identify specific crossing site(s) and require special design features to maintain hydrologic functioning and minimize adverse impacts to fish and other aquatic organisms.

For the purpose of:

Sustaining the ecological function and water related values of WIZ, including; long-term proper stream functioning, the health of associated riparian ecosystems, wildlife habitat, aquatic species, appropriated water uses, preventing damage caused by increased runoff, protecting water quality; and preventing the transport of pollutants into surface water.

Waivers, exceptions or modifications (WEMs):

No WEMs will be considered for WIZ associated with wetlands or fens. However, WEMs may be considered for WIZ associated with streams, springs, riparian areas, lakes, ponds and reservoirs. WEMs will only be considered if it can be demonstrated that long-term stream health can be maintained and that aquatic values will be protected. WEMs will be subject to the Watershed Conservation Practices Handbook (FSH 2509.25), applicable regulatory and environmental compliance requirements, and the Land and Resource Management Plan in effect at the time of consideration. In the event an exception is granted, the activity will be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of an exception is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

**NO SURFACE OCCUPANCY STIPULATION
Municipal Watersheds**

No surface occupancy or use is allowed on the lands describe below

Lands delineated on the attached maps as municipal watersheds, **Exhibits YY and ZZ.**

Lands identified by the following acts and agreements to be managed for the purpose of conserving and protecting the water supply of the associated communities:

Town of Cascade	Cooperative Agreement, 04/28/1923
Cities of Colorado Springs and Manitou	Act 02/27/1913 Special Regulations, 10/09/1914 Cooperative Agreement, 10/09/1914
City of Colorado Springs	Act 04/10/1890 Act 04/24/1896 Act 05/01/1902 Cooperative Agreement, 01/09/1924
City of Manitou Springs	Cooperative Agreement, 05/01/1923
City of Trinidad	Cooperative Agreement, 01/16/1914
Town of Palmer Lake	Cooperative Agreement, 02/06/1917
City of Florence	Cooperative Agreement, 06/05/1939

For the purpose of:

Conserving and protecting the water supply of said community. Municipal watersheds are managed to maintain water production and water quality in order to provide potable water for use in population center, special management requirements are identified for all watersheds based on the enabling articles. Some watersheds were legislatively designated; others were established through cooperative agreements or other administrative tools. Any development in municipal watersheds is based on the existing legislation or agreements and negotiations with the communities served.

Waivers, exceptions or modifications (WEMs):

WEMs may be permitted with the approval of proper community authorities, except for the purposes specifically prohibited in the act and/or cooperative agreement which established the municipal watershed. Any changes to this stipulation will be made in accordance with the land

use plan and/or the regulatory provision for such changes. (For guidance on the use of this stipulation, see BLM Manual 1642 and 3101 or FS Manual 1950 and 2920, FS Oil and Gas Regulations, 36 CFR, Sec. 228.104).

Proposed Stipulations

NO SURFACE OCCUPANCY STIPULATION
Non-Leased Upper Tier Colorado Roadless Areas

No surface occupancy or use is allowed on the lands described below.

Lands delineated as Upper Tier Colorado Roadless Areas outside areas leased prior to July 3, 2013 as shown on the attached maps, **Exhibits MM and NN**.

Lands identified as Upper Tier Colorado Inventoried Roadless Areas under the 2012 Colorado Roadless Rule not leased prior to July 3, 2012 are no surface occupancy. Section 36 CFR 294.46 (c) of Colorado Roadless Rule specifically states “oil and gas leases issued within upper tier acres after July 3, 2012 will require a no surface occupancy stipulation”.

For the purpose of:

Preserving large tracts of undeveloped land for wildlife habitat, recreational enjoyment and solitude.

Waivers, exceptions or modifications (WEMs):

No WEMs will be considered.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Controlled Surface Use

Proposed Stipulations

CONTROLLED SURFACE USE STIPULATION Cimarron Route of the Santa Fe National Historic Trail

Surface occupancy or use is subject to the following special operating constraints.

No above-ground facilities may be placed, nor occupancy permitted, within 100 meters (approx. 330 feet) of The Cimarron Route of the Santa Fe National Historic Trail, to include ruts or rut zones or swales or vegetation changes designated as the major routes of the Trail. The National Park Service has prepared a Management and Use plan for the Santa Fe National Historic Trail. The Management and Use plan includes the identification of major routes, side branches, and sites.

The Trail (single or multiple ruts or swales) varies in width from approximately 10 meters to over 100 meters. Oil or gas wells, above-ground support facilities, roads, collection points or other surface disturbances will not be permitted within 100 meters from the outer perimeter of the Trail. However, the following exceptions are noted:

1. It may be feasible to tunnel under visible remnants of the Trail to construct pipelines, or utility lines. Temporary ground disturbance (less than six weeks duration) for the purpose of constructing underground utility lines, underground collection systems, underground salt water pipelines, and other underground support facilities are permissible. Upon completion of installation, the ground and vegetation will be restored to its previous condition.
2. New roads will be located outside of the designated trail routes and buffer unless: (a) the trail has been destroyed by post-trail era use or erosion and is not visible as ruts, rut zones, or swales; and (b) alternative routes have been reviewed and rejected as being more environmentally damaging.

Between 100 meters (approx. 330 feet) and 400 meters (approx. ¼ mile) of the Trail, the Forest Service may require special analysis and mitigation plans. Specific mitigation could include; installing low-profile facilities, burying utility lines, painting facilities to blend with the natural setting, modifying traffic patterns, installing sound dampening equipment, employing special reclamation techniques, and/or relocating operations by more than 200 meters (approx. 660 feet).

On the lands described below:

Lands delineated as the Cimarron Route of the Santa Fe Trail and its side branches on the attached maps, **Exhibits YY and ZZ**

For the purpose of:

Protecting the physical manifestations and immediate environment of the Trail, including the inherent interpretive, educational, and recreational values.

Waivers, exceptions or modifications (WEMs):

WEMs to this stipulation will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that the resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Proposed Stipulations

CONTROLLED SURFACE USE STIPULATION

Spanish Peaks National Natural Landmark

Surface occupancy or use is subject to the following special operating constraints.

Activities and facilities will not disturb the physical integrity or aesthetic values of the Spanish Peaks National Natural Landmark's volcanic dike formations, for which the area has been designated. The Forest Service may require special design, construction, operation, sound mitigation, or reclamation measures; and/or relocation by more than 200 meters (approx. 660 feet).

Specific mitigation could include; installing low-profile facilities, burying utility lines, painting facilities to blend with the natural setting, and/or relocating operations by more than 200 meters (approx. 660 feet). At the time operations are proposed, the lessee may be required to submit visual simulations and visual resource and interpretive assessments along with plans for Forest Service approval demonstrating that all activities and facilities will be visually subordinate to the surrounding landscape and meet or exceed a Visual Quality Objective of "Partial Retention" (or a Scenic Integrity Objective of "Moderate"). A computer generated perspective may be required as part of the visual impact assessment.

On the lands described below:

Within the boundaries of the Spanish Peaks National Natural Landmark (except for those portions of the landmark that are coincident with designated Wilderness or Roadless Areas) as shown on the attached map, **Exhibit SPNNL**.

For the purpose of:

Protecting the significant and contributing geological features of the Spanish Peaks National Natural Landmark and the overall visual integrity of the landmark as identified in the continuing Memorandum of Agreement between the National Park Service and the Forest Service.

Waivers, exceptions or modifications (WEMs):

WEMs to this stipulation will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that the resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

CONTROLLED SURFACE USE STIPULATION

Scenic Landscapes

Surface occupancy or use subject to the following special operating constraints.

Within landscapes having moderate to high values for scenic character the Forest Service may require special analysis and mitigations for activities and facilities proposed within the foreground (Fg1) and middleground (Mg1) viewing areas of Sensitivity Level 1 (Concern Level 1) sites and routes, and within the foreground (Fg2) viewing area of Sensitivity Level 2 (Concern Level 2) sites and routes. Federal and state highways, nationally designated trails, popular lakes and streams, recreational facilities, and high recreational use roads are examples of Sensitivity Level 1 and 2 sites and routes

Specific mitigation could include; installing low-profile facilities, burying utility lines, painting facilities to blend with the natural setting, and/or relocating operations by more than 200 meters (approx. 660 feet). At the time operations are proposed, the lessee may be required to submit visual simulations and visual resource and interpretive assessments along with plans for Forest Service approval demonstrating that all activities and facilities will be visually subordinate to the surrounding landscape and meet or exceed a Visual Quality Objective of “Partial Retention” (or a Scenic Integrity Objective of “Moderate”). A computer generated perspective may be required as part of the visual impact assessment.

On the lands described below:

Lands delineated as Sensitivity Level 1 or 2 viewsheds on the attached maps, **Exhibits SL-1F, 2F, 3F and SL 1G, 2G and 3G.**

For the purpose of:

Protecting the visual landscape of areas identified as having moderate to high values for scenic character.

Waivers, exceptions or modifications (WEMs):

WEMs to this stipulation will be subject to the Forest and Grassland Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that the resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

CONTROLLED SURFACE USE

Public or Community Source Water Protection Areas

Surface occupancy or use is subject to the following special operating constraints.

In source water areas for water systems that meet the definition of a community water system, special design, construction, operation, mitigation, implementation, reclamation, and monitoring measures, including relocation of operations by more than 200 meters (approx. 660 feet) may be required. Protection measures are different for surface water supplies and groundwater supplies.

For surface water sources no facilities may be placed, nor occupancy permitted, within 200 (approx. 660 feet) meters of any perennial or intermittent stream above a domestic water intake. Between 200 meters (660 feet) and 800 meters (approx. ½ mile) of these features, specific mitigation could include use of pitless or contained drilling systems; enhanced stormwater runoff mitigation; specific design features for fuel storage, spill plans and water handling facilities. Disposal of wastewater into the subsurface will not be allowed.

For groundwater sources no facilities may be placed, nor uses permitted, within a 200 meter (approx. 660) radius of the wellhead or spring development. Between the 200 meter (approx. 660 feet) and 4,000 meter (approx. 2.5 miles) radiuses of these features, specific mitigation could include use of pitless or contained drilling systems; enhanced stormwater runoff mitigation; specific design features for fuel storage, spill plans and water handling facilities. Disposal of wastewater into the subsurface will not be allowed.

On the lands described below:

Lands delineated as public or community source water protection areas on the attached maps, **Exhibits PWS**.

For the purpose of:

Protecting domestic water supplies, both surface and groundwater sources, and the infrastructure associated with them.

Waivers, exceptions or modifications (WEMs):

WEMs to this stipulation will be subject to the Forest Land and Resource Management Plan policy in effect at the time of consideration will require consultation with the State of Colorado and the applicable community and/or water utility. WEMs will be subject to applicable regulatory and environmental compliance requirements. In the event a WEM is granted, the activity will be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

Proposed Stipulations

CONTROLLED SURFACE USE STIPULATION
Ground Water Resources (Pending Contracted Modeling)

Surface occupancy or use is subject to the following special operating constraints.

The FS may require special analysis and mitigation plans for proposed activities where specific ground-water resources exist. Special design, construction, operation, mitigation, monitoring and/or relocation by more than 200 meters (approx. 660 feet) may be required.

Mitigation may include use of contained drilling systems, specific design of fuel storage, spill plans and specific design of water handling facilities. Disposal of wastewater into the subsurface will not be allowed.

On the lands described below:

Lands delineated as ground water resource areas on the attached maps, **Exhibits GW**.

For the purpose of:

Protecting, managing, and improving ground water and ground-water dependent ecosystems while implementing land management activities.

Waivers, Exceptions or modifications (WEMs):

WEMs to this stipulation will be subject to the Forest Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that the resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

CONTROLLED SURFACE USE STIPULATION
Slopes 30 to 60% and/or Areas of Erosion Hazard 3 or Greater

Surface occupancy or use is subject to the following special operating constraints.

The Forest Service may require special analysis and mitigation plans for activities proposed within; lands having slopes between 30 and 60%, lands with potential geologic instability, or lands with severe soil erosion hazard.

Site specific slope stability exams may be needed on lands identified as potentially unstable. Special design, construction, operation, mitigation, reclamation measures, monitoring and/or relocation by more than 200 meters (approx. 660 feet) may be required.

On the lands described below:

Lands delineated as having slopes between 30% and 60%, and/ or areas of erosion hazard 3 or greater on the attached maps, **Exhibit S30-60**. Some but not all of these slopes are mapped, so the actual areas of no surface occupancy will be determined by site specific field delineation.

For the purpose of:

Minimizing disturbance to areas with steep slopes and/or potential geologic instability to prevent further mass movements and slope failure; maintaining or improving water quality to meet Federal and State standards; preventing significant or permanent impairment to soil productivity; minimizing effects to visual resources and preventing occupancy in areas where reclamation would be ineffective. To ensure stability and safety of roads, drill sites and ancillary facilities during oil and gas operations, and to ensure stability of lands adjacent to these facilities and ensure reclamation success.

Waivers, Exceptions or Modifications (WEMs):

WEMs to this stipulation will be subject to the Forest Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

CONTROLLED SURFACE USE STIPULATION

Areas with Erodable Soils

Surface occupancy or use is subject to the following special operating constraints.

The Forest Service may require special analysis and mitigation plans for activities proposed within lands having erodible soils. Special design, construction, operation, monitoring or reclamation measures, and/or relocation by more than 200 meters (approx. 660 feet) may be required.

Mitigation may include use of erosion control blankets, use of geotextiles or other soil support techniques, use of native materials, specific designs for water management or special reclamation techniques.

On the lands described below:

Lands delineated as having erodible soils on the attached maps, **Exhibits GW**. Some but not all of these erodible soils are mapped, so the actual areas of no surface occupancy will be determined by site specific field delineation.

For the purpose of:

Protecting the soil resource by preventing significant or permanent impairment to soil productivity. This stipulation will help prevent wind-driven erosion of sandy soils. This stipulation will also ensure stability and safety of roads, drill sites and ancillary facilities during oil and gas operations, and ensure the stability of lands adjacent to these facilities, and aid in the success of reclamation efforts.

Waivers, Exceptions or Modifications (WEMs):

WEMs to this stipulation will be subject to the Forest Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

CONTROLLED SURFACE USE STIPULATION

Fossils

Surface Occupancy or use is subject to the following special operating constraints.

Prior to undertaking any surface-disturbing activities on the lands covered by this lease, the lessee or operator, unless notified to the contrary by the Forest Service, shall:

1. Contact the Forest Service to determine if a site-specific vertebrate paleontological inventory is required. The Forest Service will conduct inventories and surveys as part of the field review for the proposed activity on the lease. The operator may voluntarily engage the services of a qualified paleontologist to conduct the inventory.
2. Implement mitigation measures required by the Forest Service and Bureau of Land Management to preserve or avoid destruction of vertebrate paleontological resources. Mitigation may include relocation of proposed facilities or other protective measures.

The lessee or operator shall bring to the attention of the Forest Service any vertebrate paleontologic resources discovered as a result of surface operation under this lease, and shall leave such discoveries intact until directed to proceed by the Forest Service.

On the lands described below:

Lands delineated as potential fossil areas on the attached maps, Exhibits FO.

For the purpose of:

Protecting fossils and immediate environment of the site, including the inherent scientific, natural historic, interpretive, educational, and recreational values of the area potentially impacted.

Waivers, Exceptions or Modifications (WEMs):

WEMs to this stipulation will be subject to the Forest Land and Resource Management Plan in effect at the time of consideration, and will be subject to applicable regulatory and environmental compliance requirements. WEMs will only be considered if it can be demonstrated that resource of specific concern would be protected. In such situations that a WEM may be granted, the activity would be subject to additional Conditions of Approval (COAs) and reclamation standards to ensure resource values are protected. Granting of a WEM is a discretionary action which the operator should not routinely expect.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

CONTROLLED SURFACE USE STIPULATION
Colorado Roadless Areas (Non-Upper Tier)

Surface use or occupancy is subject to the following special operating constraints.

Areas delineated as Colorado Roadless Areas without existing oil and gas leases are designated as Controlled Surface Use. 36 C FR 294.46 (b) states “oil and gas leases issued within Colorado Roadless Areas after July 3, 2012 will prohibit road construction and re-construction.

On the lands described below:

Lands delineated as potential fossil areas on the attached maps, Exhibits RCSU

No waivers or exceptions are allowed under the Colorado Roadless Rule.

Proposed Stipulations