
Appendix B

Restrictions Applicable to Fluid Minerals Leasing and
Other Surface-disturbing Activities

TABLE OF CONTENTS

Section	Page
B. RESTRICTIONS APPLICABLE TO FLUID MINERALS LEASING AND OTHER SURFACE-DISTURBING ACTIVITIES	B-1
B.1 Description of Stipulations Applicable to Fluid Mineral Leasing.....	B-2
B.1.1 Standard Terms and Conditions for Fluid Mineral Leasing.....	B-2
B.1.2 No Surface Occupancy (NSO)	B-3
B.1.3 Controlled Surface Use (CSU)	B-3
B.1.4 Timing Limitations (TL)	B-3
B.1.5 Lease Notice (LN)	B-3
B.1.6 Condition of Approval (COA)	B-3
B.1.7 Project Mitigation and Monitoring.....	B-4
B.2 Description of Restrictions Applicable to Surface-disturbing Activities.....	B-4
B.2.1 No Ground Disturbance (NGD)	B-4
B.2.2 Site-specific Relocation (SSR)	B-5
B.2.3 Timing Limitations (TL)	B-5
B.3 Exceptions, Modifications, and Waivers Applicable to Fluid Mineral Leasing and Other Surface-disturbing Activities	B-5
B.3.1 Standard Exception, Modification, and Waiver	B-5
B.4 References	B-117

TABLES

	Page
B-1 Areas Closed to Fluid Mineral Leasing (NL)	B-7
B-2 No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.....	B-14
B-3 Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.....	B-45
B-4 Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and Surface-disturbing Activities.....	B-76
B-5 Lease Notices (LN) Applicable to Fluid Mineral Leasing.....	B-99
B-6 No Ground Disturbance (NGD) Restrictions Applicable to Surface-disturbing Activities	B-102
B-7 Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities	B-107
B-8 Raptor Species Breeding Periods.....	B-116

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APPENDIX B

RESTRICTIONS APPLICABLE TO FLUID MINERALS LEASING AND OTHER SURFACE-DISTURBING ACTIVITIES

This appendix lists by alternative the stipulations for fluid mineral leasing (e.g., oil, gas, and geothermal) referred to throughout this Draft RMP and EIS. Stipulations would also apply, where appropriate, to all surface-disturbing activities (and occupancy) associated with land use authorizations, permits, and leases issued on BLM-administered lands. The stipulations would not apply to activities and uses where they are contrary to laws, regulations, or specific program guidance, including operation of mining claims under the 1872 mining law.

No surface occupancy (NSO), controlled surface use (CSU), and timing limitation (TL) are stipulation decisions and apply to fluid mineral leasing and development of fluid mineral estate underlying BLM lands, privately owned lands, and state-owned lands, but not National Forest System lands. To lease minerals beneath surface lands administered by the US Department of Agriculture, Forest Service (Forest Service), the BLM must receive consent to lease from the Forest Service, and incorporate any accompanying stipulations required by forest land use plans or forest-wide programmatic leasing analyses.

Federal fluid mineral estate acres are greater than BLM surface acres. Within the planning area, the BLM administers 675,800 acres of surface estate and 240,230 acres of split-estate (i.e., where the surface rights are in private or state ownership and the mineral resources are publicly held and managed by the federal government [BLM]). Acreages reflect federal mineral estate overlain by BLM, private, and state-owned land. Acreages are calculated based on current information and may be adjusted in the future through plan maintenance as conditions warrant.

No ground disturbance (NGD), site-specific relocation (SSR), and TL are restriction decisions and apply to other surface-disturbing activities on BLM-administered surface lands.

Surface-disturbing activities are those that normally result in more than negligible (immeasurable, not readily noticeable) disturbance to vegetation and soils on public lands and accelerate the

natural erosive process. Surface disturbances could require reclamation and normally involve use and/or occupancy of the surface, causing disturbance to soils and vegetation. They include, but are not limited to: the use of mechanized earth-moving equipment; truck-mounted drilling, stationary drill rigs in unison, and geophysical exploration equipment off designated routes; off-road vehicle travel in areas designated as limited or closed to off-road vehicle use; construction of facilities such as range facilities and/or improvements; recreation sites; new road and trail construction; and use of pyrotechnics and explosives. Surface disturbance is not normally caused by casual-use activities. Activities that are not considered surface-disturbing include, but are not limited to, livestock grazing, cross-country hiking or equestrian use, dispersed camping, installing signs, minimum impact filming, vehicular travel on designated routes, and general use of the land by wildlife.

B.1 DESCRIPTION OF STIPULATIONS APPLICABLE TO FLUID MINERAL LEASING

Tables B-2 through **B-4** provide details of the stipulations and protected resources by alternative. Three types of stipulations could be applied to fluid mineral leases: 1) no surface occupancy (NSO); 2) controlled surface use (CSU); and 3) timing limitation (TL). Although not a stipulation, areas that are closed to fluid mineral leasing are also detailed in **Table B-1**. In areas closed to leasing, the resource would not be available for exploration or development. All other areas not identified in **Table B-1** are open to fluid mineral leasing, subject to standard terms and conditions and NSO, CSU, or TL stipulations if applicable.

Lease stipulations and lease notices would be applied, as applicable, to all new leases and to expired leases that are reissued. On existing leases, the BLM would develop Conditions of Approval for Applications for Permit to Drill to achieve resource objectives of lease stipulations contained in this RMP. New development on existing leases must comply with current management direction. This direction is consistent with Interior Board of Land Appeals decisions (*Yates Petroleum Corp.*, 176 Interior Board of Land Appeals 144 [2008] and *William P. Maycock*, 180 Interior Board of Land Appeals 1 [2010]) that BLM has discretion to modify surface operations to add specific mitigation measures supported by site-specific NEPA analysis undertaken during the development phase on existing leases (BLM 2010q). Any additional mitigation measures would need to be justifiable, still provide for lease development, and be incorporated in a site-specific document.

Stipulations identified in Alternative A, current management, were developed in the 1989 Uncompahgre Basin RMP (BLM 1989a) and the 1991 Colorado Oil and Gas Development EIS (BLM 1991a), which amended the San Juan/San Miguel RMP, and are annotated as “existing” in italics in the “stipulations number” column of the tables.

B.1.1 Standard Terms and Conditions for Fluid Mineral Leasing

Oil and gas development is subject to standard terms and conditions of the lease. Onshore Oil and Gas Order No. 1 (Onshore Oil and Gas Operations; Federal and Indian Oil and Gas Leases; Approval of Operations) regulations (43 CFR 3160) give the BLM the ability to relocate proposed operations up to 200 meters (656 feet) and prohibit surface-disturbing operations for a period not to exceed 60 days.

B.1.2 No Surface Occupancy (NSO)

Use or occupancy of the land surface for fluid mineral exploration or development and all activities associated with fluid mineral leasing (e.g., truck-mounted drilling, stationary drill rigs in unison, geophysical exploration equipment off designated routes, construction of wells and/or pads) are prohibited to protect identified resource values. Refer to **Table B-2**.

The NSO stipulation is a category of major constraints. NSO areas are open to fluid mineral leasing, but surface occupancy or surface-disturbing activities associated with fluid mineral leasing cannot be conducted on the surface of the land. Access to fluid mineral deposits would require directional drilling and/or drilling from outside the boundaries of the NSO area. This differs from areas identified as closed to leasing (NL) in which neither the surface area nor mineral estate is available for fluid mineral leasing.

B.1.3 Controlled Surface Use (CSU)

CSU is a category of moderate constraint stipulations that allows some use and occupancy of public land while protecting identified resources or values and is applicable to fluid mineral leasing and all activities associated with fluid mineral leasing (e.g., truck-mounted drilling, stationary drill rigs in unison, geophysical exploration equipment off designated routes, and construction of wells and/or pads). CSU areas are open to fluid mineral leasing but the stipulation allows the BLM to require special operational constraints, or the activity can be shifted more than 200 meters (656 feet) to protect the specified resource or value. Refer to **Table B-3**.

B.1.4 Timing Limitations (TL)

Areas identified for Timing Limitations (TL), a moderate constraint, are closed to fluid mineral exploration and development, surface-disturbing activities, and intensive human activity during identified time frames that may exceed 60 days. This stipulation does not apply to operation and basic maintenance activities, including associated vehicle travel, unless otherwise specified. Construction, drilling, completions, and other operations considered to be intensive in nature are not allowed. Intensive maintenance, such as workovers on wells, is not permitted. Administrative activities are allowed at the discretion of the BLM Authorized Officer. Refer to **Table B-4**.

B.1.5 Lease Notice (LN)

A Lease notice (LN) provides more-detailed information concerning limitations that already exist in law, lease terms, regulations, or operational orders. A lease notice also addresses special items that lessees should consider when planning operations but does not impose additional restrictions. Lease notices are not an RMP-level decision and new lease notices may be added to fluid mineral leases at the time of sale. Lease notices apply only to leasable minerals (e.g., oil, gas, geothermal) and not to other types of leases, such as livestock grazing or coal leases. Refer to **Table B-5**.

B.1.6 Condition of Approval (COA)

Conditions of Approval are conditions or provisions (requirements) under which an Application for Permit to Drill is approved, after a lease is issued. Conditions of Approval are based on site-specific analysis and are designed to minimize, mitigate, or prevent impacts on resource values

or other uses of public lands. The application of a particular Condition of Approval is not an RMP-level decision.

B.1.7 Project Mitigation and Monitoring

Stipulations are designed to provide resource-specific protections. Permit holders shall be responsible for the monitoring and reporting deemed necessary to document and maintain mandated protective measures. Also, the BLM retains the right to modify the operations of all surface and other disturbance activities caused by the presence of humans and to require additional specific or specialized mitigation following the submission of a detailed plan of development or other project proposal, a monitoring report, and an environmental analysis of such.

B.2 DESCRIPTION OF RESTRICTIONS APPLICABLE TO SURFACE-DISTURBING ACTIVITIES

Tables B-6 and B-7 provide details of the restrictions and protected resources by alternative. Three types of restrictions could be applied to land use authorizations: 1) no ground disturbance (NGD); 2) site-specific relocation (SSR); and 3) timing limitation (TL). **Section B.2.1**, No Ground Disturbance (NGD), and **Section B.2.2**, Site-specific Relocation (SSR), list actions and activities that are not subject to NGD and/or SSR.

Restrictions applicable to surface-disturbing activities apply to other activities besides fluid mineral leasing, including those conducted by the BLM. Because the BLM does not have jurisdiction over split-estate lands for surface-disturbing activities not related to fluid mineral leasing and development, NGD and SSR restrictions apply only to the 675,800 acres of BLM surface in the decision area.

B.2.1 No Ground Disturbance (NGD)

Areas restricted by NGD are closed to all surface-disturbing activities. Activities that are not considered surface disturbing include, but are not limited to, livestock grazing, cross-country hiking or equestrian use, installing signs, minimum impact filming, vehicular travel on designated routes, and general use of the land by wildlife. Fire suppression activities using *minimum-impact suppression tactics* area allowed in areas with and NGD stipulation with approval from the BLM Authorized Officer.

An NGD stipulation cannot be applied to fluid minerals leasing. Fluid minerals are subject to NSO and CSU.

An NGD stipulation cannot be applied to operations conducted under the 1872 Mining Law (i.e., locatable mineral development) without a withdrawal. A withdrawal is not considered a land use planning decision because it must be approved by the Secretary of Interior. Therefore, unless withdrawn, areas identified as NGD are open to operations conducted under the mining laws subject only to TL and SSR restrictions that are consistent with the rights granted under the mining laws.

In addition, the following actions or activities are not subject to the NGD stipulation because specific laws and program terminology constrain them. However, these actions or activities may be subject to SSR or TL restrictions:

- Right-of-way (ROW) location: instead of identifying areas as NGD, areas can be identified as “ROW exclusion” areas.
- Coal leasing: instead of identifying areas as NGD, areas can be identified as open or closed to coal leasing.
- Nonenergy solid mineral leasing: instead of identifying areas as NGD, areas can be identified as open or closed to nonenergy solid mineral leasing.
- Mineral material disposal: instead of identifying areas as NGD, areas can be identified as open or closed to mineral material disposal.

B.2.2 Site-specific Relocation (SSR)

An SSR restriction is similar to a CSU restriction in that it allows some use and occupancy of BLM-administered lands while protecting identified resources or values. SSR areas are potentially open to surface-disturbing activities but the restriction allows the BLM to require special constraints, or the activity can be shifted to protect the specified resource or value. Activities that are not considered surface disturbing include, but are not limited to, livestock grazing, cross-country hiking or equestrian use, installing signs, minimum impact filming, vehicular travel on designated routes, and general use of the land by wildlife.

Right-of-way location authorizations are not subject to the SSR restriction because it is constrained in other ways. Instead of identifying areas as SSR, areas can be identified as “ROW avoidance” areas. The action may be subject to TL stipulations.

An SSR stipulation cannot be applied to fluid mineral leasing. Fluid minerals are subject to CSU and NSO stipulations.

B.2.3 Timing Limitations (TL)

The timing limitation (TL) restriction for surface-disturbing activities is the same as the TL stipulation for fluid mineral leasing and associated activities. Refer to **Section B.1.4**, Timing Limitations (TL).

B.3 EXCEPTIONS, MODIFICATIONS, AND WAIVERS APPLICABLE TO FLUID MINERAL LEASING AND OTHER SURFACE-DISTURBING ACTIVITIES

Stipulations could be excepted, modified, or waived by the BLM Authorized Officer. Exceptions, modifications, and waivers provide a viable and effective means of applying adaptive management techniques to fluid mineral leasing or other surface-disturbing activities.

B.3.1 Standard Exception, Modification, and Waiver

The standard exception, modification, and waiver apply to all NSOs, CSUs, TLs, NGDs, and SSRs. In the following paragraphs, “leasehold” refers to fluid mineral leases, and “project” or “project area” refers to other surface-disturbing projects, as described in Section B.2.

An exception is a one-time exemption for a particular site within the leasehold or project area; exceptions are determined on a case-by-case basis; the stipulation continues to apply to all other sites within the leasehold or project area. The BLM Authorized Officer may grant an exception to a stipulation if it is determined that the factors leading to its inclusion in the lease or project have changed sufficiently such that: 1) the protection provided by the stipulation is no

longer justified or necessary to meet resource objectives established in the RMP; or 2) proposed operations would not cause unacceptable impacts. The BLM Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and may consult with other government agencies and/or the public in order to make this determination.

A modification is a change to the provisions of a lease stipulation or project either temporarily or for the lease term or length of the project. Depending on the specific modification, the stipulation may or may not apply to all sites within the leasehold or project area to which the restrictive criteria are applied. The BLM Authorized Officer may modify a stipulation or the area subject to the stipulation if it is determined that the factors leading to its inclusion in the lease or project area have changed sufficiently. The BLM Authorized Officer may modify a stipulation as a result of new information if: 1) the protection provided by the stipulation is no longer justified or necessary to meet resource objectives established in the RMP; 2) the protection provided by the stipulation is no longer sufficient to meet resource objectives established in the RMP; or 3) proposed operations would not cause unacceptable impacts. The BLM Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and may consult with other government agencies and/or the public in order to make this determination.

A waiver is a permanent exemption from a lease or project stipulation. When a waiver is granted, the stipulation no longer applies anywhere within the leasehold or project area. The BLM Authorized Officer may waive a stipulation if it is determined that the factors leading to its inclusion in the lease or project no longer exist. The BLM Authorized Officer may require additional plans of development, surveys, mitigation proposals, or environmental analysis, and may be required to consult with other government agencies and/or the public in order to make this determination.

The environmental analysis document prepared for site-specific proposals such as oil and gas development (e.g., Applications for Permit to Drill and Sundry Notices) or other surface projects also needs to include and address any proposal to except, modify, or waive a surface stipulation.

**Table B-1
Areas Closed to Fluid Mineral Leasing (NL)**

Allocation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Description	Alternative			
		A	B	C	D
	<p>The following No Lease areas are nondiscretionary because they are closed to fluid mineral leasing per congressional mandate or bureau policy (44,220 acres):</p> <ul style="list-style-type: none"> NL-17: Tabeguache Area (Colorado Wilderness Act of 1993) NL-18: WSAs (BLM Manual 6330) <p>The remaining No Lease areas identified in this table are discretionary because they are decisions made in this RMP.</p>	•	•	•	•
	Soils and Water				
<p>NL-1 <i>Selenium Soils</i> BLM Surface: 12,660 acres Split-estate: 3,600 acres</p>	<p>Close to oil and gas leasing and geophysical exploration soils with high and very high potential for selenium loading.</p> <p>PURPOSE: Proactively protect soils that are sensitive to erosion and movement of selenium. To maintain soil productivity and ground cover and to minimize soil loss in order to protect downstream water sources from additional sediment and selenium inputs.</p>		B.1		
<p>NL-2/NGD-3 <i>Hydrology River</i> BLM Surface: 26,990 acres Split-estate: 1,060 acres</p>	<p>Close to fluid mineral leasing and geophysical exploration, and prohibit surface-disturbing activities, within 402 meters (1,320 feet) the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever is greatest) on the following major rivers: Gunnison, North Fork Gunnison, San Miguel, Uncompahgre, and Dolores Rivers.</p> <p>PURPOSE: To protect the river corridor that provide: a) water quality/filtering values; b) important riparian values; c) special status fish and wildlife species habitat; d) waterfowl and shorebird production values; e) valuable amphibian habitat; and f) high scenic and recreation values of these major rivers.</p>		•		
<p>NL-3 <i>Major River Corridors</i> BLM Surface: 5,580 acres Split-estate: 2,420 acres</p>	<p>Close to oil and gas leasing and geophysical exploration within 805 meters (2,640 feet) (0.50-mile) of the North Fork of the Gunnison and Smith Fork of the Gunnison Rivers.</p> <p>PURPOSE: To protect the river corridor against water contamination and for high scenic and recreation values of these major rivers.</p>		B.1		

**Table B-1
Areas Closed to Fluid Mineral Leasing (NL)**

Allocation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Description	Alternative			
		A	B	C	D
NL-4 <i>Water Bodies</i> No Data	Close to oil and gas leasing and geophysical exploration within 805 meters (2,640 feet) (0.50-mile) of lakes, ponds, naturally occurring wetlands, and impounding reservoirs (not including stock ponds for livestock). PURPOSE: To protect ecological values, water quality, aquatic value, recreational attractions, water storage, and flood control.		B. I		
NL-5 <i>Water Ways</i> BLM Surface: 39,400 acres Split-estate: 43,410 acres	Close to oil and gas leasing and geophysical exploration within 805 meters (2,640 feet) (0.50-mile) of all streams, watercourses, and waterways. PURPOSE: To protect ecological values, water quality, aquatic value, and recreational attractions.		B. I		
NL-6 <i>Public Water Supplies</i> BLM Surface: 13,760 acres Split-estate: 4,590 acres	Close to fluid mineral leasing and geophysical exploration within 2,640 feet of either side of a classified, surface water supply, stream segment (as measured from the average high water mark) for a distance of 5 miles upstream of a public water supply intake classified by the State as “Water Supply” and within a 2,640-foot buffer of all Public Water Supplies that use a groundwater well or spring. If public water providers develop source water protection plans, apply this “No Lease” to cover the appropriate designated area in the protection plan. PURPOSE: Protecting public water supplies, water quality, aquatic habitat and human health.		•		
NL-7 <i>Public Water Supplies</i> BLM Surface: 320 acres Split-estate: 150 acres	Close to oil and gas leasing and geophysical exploration within 402 meters (1,320 feet) (0.25-mile) of a municipal water supply (classified surface water-supply stream segment), including intakes, and within a 402-meter (1,320-foot) (0.25-mile) buffer of all public water supplies that use a groundwater well or spring. PURPOSE: To protect public water supplies, water quality, aquatic habitat, and human health.		B. I		

**Table B-1
Areas Closed to Fluid Mineral Leasing (NL)**

Allocation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Description	Alternative			
		A	B	C	D
NL-8 <i>Public Water Supplies</i> BLM Surface: 4,290 acres Split-estate: 1,530 acres	Close to fluid mineral leasing and geophysical exploration 1,000 feet on either side of a classified, surface water supply, stream segment (as measured from the average high water) for a distance of 5 miles upstream of a public water supply intake classified by the State as a “Water Supply”; and within a 1,000-foot buffer of all Public Water Supplies that use a groundwater well or spring. If public water providers develop source water protection plans, apply this “No Lease” to cover the appropriate designated area in the protection plan. PURPOSE: Protecting public water supplies, water quality, aquatic habitat and human health.				•
NL-9 <i>Domestic Water Wells and Private Water Systems</i> BLM Surface: 2,300 acres Split-estate: 4,500 acres	Close to oil and gas leasing and geophysical exploration within 402 meters (1,320 feet) (0.25-mile) of all domestic water wells and private water systems, including ditches and domestic water decrees. PURPOSE: To protect domestic water supplies, private water systems, and agriculture.		B. I		
	Vegetation				
NL-4 <i>Water Bodies</i> No Data	Close to oil and gas leasing and geophysical exploration within 805 meters (2,640 feet) (0.50-mile) of lakes, ponds, naturally occurring wetlands, and impounding reservoirs (not including stock ponds for livestock). PURPOSE: To protect ecological values, water quality, aquatic value, recreational attractions, water storage, and flood control.		B. I		
	Special Status Terrestrial Wildlife				
NL-10 <i>Gunnison Sage-grouse Critical Habitat and Breeding (Lek) Habitat</i> BLM Surface: 12,840 acres Split-estate: 26,700 acres	Close to fluid mineral leasing and geophysical exploration in all Gunnison sage-grouse lek habitat (lek area plus a 0.6-mile radius). When existing leases expire, do not offer to lease Gunnison sage-grouse habitat, as defined by BLM, CPW, and USFWS. PURPOSE: To protect Gunnison sage-grouse core areas and critical habitats.		•		

**Table B-1
Areas Closed to Fluid Mineral Leasing (NL)**

Allocation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Description	Alternative			
		A	B	C	D
NL-2/NGD-3 <i>Hydrology River</i> BLM Surface: 26,990 acres Split-estate: 1,060 acres	Close to fluid mineral leasing and geophysical exploration and prohibit surface-disturbing activities within 402 meters (1,320 feet) the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever is greatest) on the following major rivers: Gunnison, North Fork Gunnison, San Miguel, Uncompahgre, and Dolores Rivers. PURPOSE: To protect the river corridor that provide: a) water quality/filtering values; b) important riparian values; c) special status fish and wildlife species habitat; d) waterfowl and shorebird production values; e) valuable amphibian habitat; and f) high scenic and recreation values of these major rivers.		•		
	Visual Resource Management				
NL-11 <i>Prominent Landmarks</i> <i>No Data</i>	Close to oil and gas leasing and geophysical exploration the following prominent landmarks: face of Jumbo Mountain, Youngs Peak, "H" Hill, near flanks of the West Elks, and Needle Rock ACEC. PURPOSE: To protect the visual features of prominent landmarks. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		
	Lands with Wilderness Characteristics				
NL-12/NGD-24 <i>Lands with Wilderness Characteristics</i> BLM Surface: 42,150 acres	Close to fluid mineral leasing and geophysical exploration and prohibit surface-disturbing activities on identified lands being managed to protect inventoried wilderness characteristics: <ul style="list-style-type: none"> • Adobe Badlands WSA Adjacent (6,180 acres) • Camel Back WSA Adjacent (6,950 acres) • Dolores River Canyon WSA Adjacent (550 acres) • Dry Creek Basin (7,030 acres) • Lower Tabeguache/Campbell Creek (11,060 acres) • Roc Creek (5,480 acres) • Shavano Creek (4,900 acres) PURPOSE: To preserve inventoried wilderness characteristics and their locally, regionally, or nationally significant recreational, social, economic, and environmental values.		•		

**Table B-1
Areas Closed to Fluid Mineral Leasing (NL)**

Allocation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Description	Alternative			
		A	B	C	D
	Coal				
NL-13 <i>Active (and Future) and Existing (Inactive, Retired) Coal Leases</i> BLM Surface: 10,290 acres Split-estate: 11,030 acres	Close to oil and gas leasing areas within 402 meters (1,320 feet) (0.25-mile) of active (and future) and existing (inactive, retired) coal leases. This NL does not apply to operations that capture methane for commercial use. PURPOSE: To protect the coal resource, the mine workings used to access and extract the coal resource, and miner safety.		B.1		
	Fluid Minerals				
NL-14 <i>Recreation Park BLM Surface:</i> 9,220 acres <i>Split-estate:</i> 7,270 acres	Close to fluid mineral leasing and geophysical exploration the following areas where the BLM holds the fluid mineral rights: <ul style="list-style-type: none"> • Curecanti National Recreation Area <ul style="list-style-type: none"> ○ BLM Surface: 7,120 acres ○ Split-estate: 360 acres • State Parks <ul style="list-style-type: none"> ○ BLM Surface: 2,080 acres ○ Split-estate: 810 acres • State Wildlife Areas <ul style="list-style-type: none"> ○ BLM Surface: 0 acres ○ Split-estate: 5,900 acres PURPOSE: Protect high value wildlife habitat and recreation values associated with designated State Wildlife Areas, and state and municipal parks.		•		
	Recreation and Visitor Services				
NL-15 <i>Recreation SRMAs</i> BLM Surface: 83,960 acres	Close the following SRMAs to fluid mineral leasing and geophysical exploration: <ul style="list-style-type: none"> • Dolores River Canyon • Dry Creek RMZs 1, 2, and 4 • Jumbo Mountain RMZ 1 • Paradox Valley RMZ 4 • Ridgway Trails RMZ 1 • Roubideau • San Miguel River • Spring Creek PURPOSE: To protect: (1) the prescribed physical, social, and operational natural resource recreational setting		•		

**Table B-1
Areas Closed to Fluid Mineral Leasing (NL)**

Allocation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Description	Alternative			
		A	B	C	D
	character; (2) the targeted recreation activity, experience, and beneficial outcome opportunities; and (3) visitor health and safety in areas of high recreational value and/or significant recreational activity.				
	Areas of Critical Environmental Concern				
NL-11 <i>Prominent Landmarks</i> <i>No Data</i>	Close to oil and gas leasing and geophysical exploration the following prominent landmarks: Needle Rock ACEC. PURPOSE: To protect the visual features of prominent landmarks. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		
NL-16/NGD-26/SSR-57 <i>Special Designation ACEC</i> BLM Surface: 66,570 acres	Close the following ACECs to fluid mineral leasing and geophysical exploration: <ul style="list-style-type: none"> • Dolores Slickrock Canyon (10,660 acres) (NL/NGD) • Roubideau-Potter-Monitor (20,430 acres) (NL/NGD) • San Miguel River (35,480) (NL/SSR) PURPOSE: To protect the relevant and important values of each ACEC.		•		
	Wilderness and Wilderness Study Areas				
NL-17 <i>Tabeguache Area</i> BLM Surface: 8,080 acres	Close the Tabeguache Area to fluid mineral leasing and geophysical exploration. PURPOSE: To protect the wilderness character of the Tabeguache Area, in compliance with the Colorado Wilderness Act of 1993.	•	•	•	•
NL-18/NGD-27 <i>WSAs</i> BLM Surface: 36,240 acres	Close WSAs to fluid mineral leasing and geophysical exploration and prohibit surface-disturbing activities. PURPOSE: To preserve unimpaired the wilderness characteristics of wilderness study areas until such time as Congress acts to designate them as Wilderness Areas, or releases them for other uses, and to comply with BLM Manual 6330, Management of Wilderness Study Areas.	•	•	•	•

**Table B-1
Areas Closed to Fluid Mineral Leasing (NL)**

Allocation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Description	Alternative			
		A	B	C	D
NL-19/NGD-28 <i>Sewemup Mesa WSA if Released from Wilderness Consideration</i> BLM Surface: 1,780 acres	If released from wilderness consideration, close Sewemup Mesa to fluid mineral leasing and geophysical exploration and prohibit surface-disturbing activities. PURPOSE: To preserve wilderness characteristics of lands within the former WSA in order to maintain management consistency of the area with the majority of Sewemup Mesa, which is in the Grand Junction Field Office.		•		
NL-19/SSR-59 <i>Sewemup Mesa WSA if Released from Wilderness Consideration</i> BLM Surface: 1,780 acres	If released from wilderness consideration, close Sewemup Mesa to fluid mineral leasing and geophysical exploration and apply SSR restrictions. PURPOSE: To preserve wilderness characteristics of lands within the former WSA in order to maintain management consistency of the area with the majority of Sewemup Mesa, which is in the Grand Junction Field Office.				•

¹The sum of acres closed to leasing in this table may add up to more than the total acres closed to fluid mineral leasing presented in Chapter 2, as some areas may overlap.

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Soils and Water				
NSO-1/NGD-1 <i>Geology Soil:</i> <i>Saline/Selenium Soils</i> BLM Surface: 107,170 acres	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions on lands with soils, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, with the following special characteristics: saline/selenium soils.</p> <p>PURPOSE: To improve reclamation potential, maintain soil stability and productivity of sensitive areas, and minimize contributions of soil constituents and sediments likely to affect downstream water quality, fisheries, and other downstream aquatic habitats.</p> <p>EXCEPTION, NSO-1: Standard exception applies.</p> <p>EXCEPTION, NGD-1: In addition to the standard exception, this stipulation may be excepted for soil research purposes.</p> <p>Standard MODIFICATION and WAIVER apply.</p>		•		
NSO-2 <i>Selenium Soils</i> BLM Surface: 7,390 acres Split-estate: 2,470 acres	<p>STIPULATION: Prohibit surface occupancy and use within 402 meters (0.25-mile) of soils with high and very high potential for selenium loading.</p> <p>PURPOSE: To provide a buffer around soils that are sensitive to erosion and movement of selenium. To maintain soil productivity and ground cover and to minimize soil loss in order to protect downstream water sources from additional inputs of sediment and selenium.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		
NSO-3 <i>Agricultural Operations</i> <i>No Data</i>	<p>STIPULATION: Prohibit surface occupancy and use over or within 0.25-mile of any prime and unique farmlands, livestock operations, organic farm, conventional farm, ranch, orchard, and the West Elks American Viticultural area.</p> <p>PURPOSE: To protect the agricultural economy. Prohibiting ground-disturbing activities near agricultural resources will protect these critical areas from spills, releases, and other impacts associated with oil and gas development (e.g., road building, well pad clearing, and pipeline installation).</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>NSO-4/NGD-2 <i>Geology: Slope Greater than 30 Percent</i> BLM Surface: 174,540 acres Split-estate: 46,590 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions on lands with steep slopes greater than 30 percent.</p> <p>PURPOSE: To minimize the risk of mass wasting, sedimentation and reduced reclamation costs, protecting soil productivity, rare or sensitive biota, minimizing risk to water bodies, fisheries and aquatic species habitats and protection of human health and safety (e.g., from landslides and mass wasting).</p> <p>EXCEPTION, NSO-4: Standard exception applies.</p> <p>EXCEPTION, NGD-2: In addition to the standard exception, this stipulation may be excepted for equestrian or pedestrian trails and fences built to BLM standards.</p> <p>Standard MODIFICATION and WAIVER apply.</p>		•		
<p>NSO-5 <i>High Geologic Hazard</i> <i>No Data</i></p>	<p>STIPULATION: Prohibit surface occupancy and use on all areas with medium to high geologic hazard and on slopes greater than 30 percent.</p> <p>PURPOSE: To keep oil and gas development off of steep slopes and from areas with geologic hazards to minimize accelerated erosion, which often has long-term, irreversible impacts.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B, I		
<p>NSO-6/SSR-8 <i>Geology: Slope Greater than 40 Percent</i> BLM Surface: 115,080 acres Split-estate: 23,990 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions on lands with steep slopes greater than 40 percent.</p> <p>PURPOSE: To minimize the risk of mass wasting, sedimentation and reduced reclamation costs, protecting soil productivity, rare or sensitive biota, minimizing risk to water bodies, fisheries and aquatic species habitats and protection of human health and safety (e.g., from landslides and mass wasting).</p> <p>EXCEPTION, NSO-6: Standard exception applies.</p> <p>EXCEPTION, SSR-8: In addition to the standard exception, this stipulation may be excepted for equestrian or pedestrian trails and fences built to BLM standards.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-CO-7 (BLM 1991a) Waterfowl and Shorebirds BLM Surface: 0 acres	STIPULATION: Prohibit surface occupancy and use on significant production areas; major areas are Waterfowl Habitat Management Areas and rookeries. Standard EXCEPTION, MODIFICATION, and WAIVER apply.	•			
NSO-7 Major River Corridors BLM Surface: 5,540 acres Split-estate: 4,140 acres	STIPULATION: Prohibit surface occupancy and use within 0.50- to 1.0 mile of the North Fork of the Gunnison and Smith Fork of the Gunnison Rivers. PURPOSE: To further protect (beyond 0.50-mile) the river corridor against water contamination and for high scenic and recreation values of these major rivers. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		
NSO-8 Floodplains No Data	STIPULATION: Prohibit surface occupancy and use within the 100-year floodplain of any stream or river system. PURPOSE: To prevent flooding of oil and gas fields. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		
NSO-9/SSR-11 Hydrology River BLM Surface: 26,990 acres Split-estate: 1,060 acres	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 400 meters (1,312 feet) of the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever area is greatest) on the following major rivers: Gunnison, North Fork Gunnison, San Miguel, Uncompahgre, and Dolores Rivers. PURPOSE: To protect rivers and adjacent aquatic habitat that provide: a) <i>special status</i> or <i>critical</i> fish and wildlife species habitat: b) important riparian values: c) water quality/filtering values: d) waterfowl and shorebird production values: e) valuable amphibian habitat: f) 100-year floodplain, and g) high scenic and recreation values of major rivers. Minimizing potential deterioration of water quality, high scenic and recreation values, maintain natural hydrologic function and condition of stream channels, banks, floodplains, and riparian communities, and preserve wildlife habitat including				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	designated critical habitat for federally listed fish species. The buffers are sized to accommodate the rivers' larger floodplains and wider riparian zones. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				
NSO-10/NGD-4 <i>Perennial Streams</i> BLM Surface: 39,640 acres Split-estate: 19,380 acres	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 152 meters (500 feet) of the edge of the ordinary high-water mark (bank-full stage) of perennial streams. PURPOSE: Protect water quality, riparian zones, fens, fish habitat, aquatic habitat, and provide a clean, reliable source of water for downstream users. Buffers are expected to indirectly benefit migratory birds, wildlife habitat, amphibians, and other species. EXCEPTION, NSO-10: Standard exception applies. EXCEPTION, NGD-4: In addition to the standard exception, this stipulation may be excepted for essential soil-disturbing activities such as roads, trails, and spring development (subject to BMPs and COAs). Standard MODIFICATION and WAIVER apply.		•		
NSO-11/SSR-13 <i>Hydrology Features</i> BLM Surface: 26,050 acres Split-estate: 12,730 acres	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 100 meters (328 feet) from the mapped extent of perennial, intermittent, and ephemeral streams; riparian areas, fens, and/or wetlands; and water impoundments. For streams, measure the buffer from the ordinary high-water mark (bank-full stage); for wetland features, measure the buffer from the edge of the mapped extent. PURPOSE: To maintain the proper functioning condition, including the vegetation, hydrologic and geomorphic functionality of wetland features. Protect water quality, riparian zones, fens, fish habitat, aquatic habitat, and provide a clean, reliable source of water for downstream users. Buffers are expected to indirectly benefit migratory birds, wildlife habitat, amphibians, and other species. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-12 <i>Public Water Supplies</i> No Data	<p>STIPULATION: Prohibit surface occupancy and use from 1,320 feet to 2,640 feet of a municipal water supply (classified surface water-supply stream segment), including intakes, and from 1,320 feet to 2,640 feet of all public water supplies that use a groundwater well or spring.</p> <p>PURPOSE: To protect public water supplies, water quality, aquatic habitat, and human health.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		
NSO-13 <i>Hydrology Source</i> NSO-13 b <i>Hydrology Public Well</i> BLM Surface: 4,290 acres Split-estate: 1,530 acres	<p>STIPULATION: Prohibit surface occupancy and use within 305 meters (1,000 feet) of a classified surface water supply stream segment (as measured from the average high-water mark) for a distance of 8 kilometers (5 miles) upstream of a public water supply intake with the classification “Water Supply” by the State of Colorado.</p> <p>STIPULATION: No surface occupancy or use is allowed within 305 meters (1,000 feet) of groundwater public water supply wells.</p> <p>If public water providers develop source water protection plans, apply these stipulations to cover the appropriate designated area in the protection plan.</p> <p>PURPOSE: To protect public water supplies, water quality, aquatic habitat and human health.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	
NSO-14 <i>Domestic Water Wells</i> BLM Surface: 11,100 acres Split-estate: 23,760 acres	<p>STIPULATION: Prohibit surface occupancy and use within 305 meters (1,000 feet) of all domestic water wells.</p> <p>PURPOSE: To protect public water supplies, water quality, and human health.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-15 <i>Domestic Water Wells and Private Water Systems</i> No Data	STIPULATION: Prohibit surface occupancy and use from 402 meters (1,320 feet) to 805 meters (2,640 feet) of all domestic water wells and private water systems, including ditches and domestic water decrees. PURPOSE: To protect domestic water supplies, private water systems, and agriculture. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		
NSO-16 <i>Water Conveyance Systems</i> No Data	STIPULATION: Prohibit surface occupancy and use within 1,320 feet of any dam, ditch, irrigation intake, canal, or other water conveyance. PURPOSE: To protect private water systems and agriculture. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		
	Vegetation				
NSO-17/NGD-6 <i>Plant Community</i> BLM Surface: 12,710 acres Split-estate: 870 acres	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within occupied habitat for exemplary, ancient, rare, and relict vegetation communities. PURPOSE: To protect exceptional vegetation values from direct removal, destruction or damage, and indirect threats associated with invasive weeds and sedimentation. EXCEPTION, NSO-17: Standard exception applies. EXCEPTION, NGD-6: In addition to the standard exception, this stipulation may be excepted for activities associated with restoring these areas or reducing threats to them. Standard MODIFICATION, and WAIVER apply.		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>NSO-18/NGD-7 Hydrology Features BLM Surface: 63,540 acres Split-estate: 2,530 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 201 meters (660 feet) from the mapped extent of perennial, intermittent, and ephemeral streams; riparian areas, fens, and/or wetlands; springs and seeps; and water impoundments. For streams, measure the buffer from the ordinary high-water mark (bank-full stage); for wetland features, measure the buffer from the edge of the mapped extent.</p> <p>PURPOSE: To maintain the proper functioning condition, including the vegetation, hydrologic and geomorphic functionality of wetland features. Protect water quality, riparian zones, fens, fish habitat, aquatic habitat, and provide a clean, reliable source of water for downstream users. Buffers are expected to indirectly benefit migratory birds, wildlife habitat, amphibians, and other species.</p> <p>EXCEPTION. NSO-18: Standard exception applies.</p> <p>EXCEPTION, NGD-7: This stipulation may be excepted subject to an on-site impact analysis with consideration given to level of damage to the riparian and wetland values, and likelihood of mitigation effectiveness.</p> <p>MODIFICATION: Standard modification applies.</p> <p>WAIVER, NSO-18: Standard waiver applies.</p> <p>WAIVER, NGD-7: In addition to the standard waiver, the restriction on surface occupancy may be waived where it can be demonstrated that the project will disturb less than 0.5-acre and will take place in areas where cumulative impacts have not caused land health problems to Standards 2 (Riparian Systems) or 5 (Water Quality).</p>		•		
<p>NSO-19/SSR-16 Hydrology Features BLM Surface: 32,330 acres Split-estate: 660 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 100 meters (325 feet) from the mapped extent of perennial, intermittent, and ephemeral streams; riparian areas, fens, and/or wetlands; and water impoundments. For streams, measure the buffer from the ordinary high-water mark (bank-full stage); for riparian and wetland features, measure the buffer from the edge of the mapped extent.</p>				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>PURPOSE: To maintain the proper functioning condition, including the vegetation, hydrologic and geomorphic functionality of wetland features. Protect water quality, riparian zones, fens, fish habitat, aquatic habitat, and provide a clean, reliable source of water for downstream users. Buffers are expected to indirectly benefit migratory birds, wildlife habitat, amphibians, and other species.</p> <p>EXCEPTION, NSO-19: Standard exception applies.</p> <p>EXCEPTION, SSR-16: In addition to the standard exception, an exception may be granted for stream crossings where no other alternative exists, such as another route, and must be approved by the BLM Authorized Officer.</p> <p>MODIFICATION, NSO-19: Standard modification applies.</p> <p>MODIFICATION SSR-16: In addition to the standard modification, wetland buffer dimensions may be averaged to accommodate variability in terrain or development plans. Up-gradient distances should be maintained (i.e., up-gradient buffer distances of 300 feet), while down-gradient buffers may be reduced to no less than 100 feet. The buffer averaging must, however, not adversely affect wetland functions and values, and a minimum buffer distance of 100 feet from the wetland edge is maintained. The buffer's intent is to protect the water source area of the wetland, which is more important than the down-gradient portion of the wetland.</p> <p>WAIVER: Standard waiver applies.</p>				
	Terrestrial Wildlife				
<p>NSO-20/SSR-17 <i>Ecological Emphasis Areas</i> BLM Surface: 207,320 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within portions of the following ecological emphasis areas:</p> <ul style="list-style-type: none"> • Adobe Zone 1 (11,480 acres) • Dry Creek Zones 1-4 (14,310 acres) • Jumbo Mountain/McDonald Creek Zones 1-5 (17,220 acres) • La Sal Zones 1-3 (22,350 acres) • Monitor-Potter-Roubideau Zones 1-11 (27,320 acres) • Naturita Canyon Zones 1-4 (15,620 acres) • Ridgway Zones 1-4 (16,700 acres) • San Miguel Zones 1-7 (25,520 acres) 		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<ul style="list-style-type: none"> • Sims Mesa (19,650 acres) • Spring Canyon (3,380 acres) • Tabeguache Zones 1-10 (31,540 acres) • Terror Creek (2,230 acres) <p>PURPOSE: To provide protection for important ecological emphasis areas and migration corridors. Ecological emphasis areas are habitats determined by the BLM UFO to be crucial to plant and animal biodiversity and conservation at the landscape scale. Ecological emphasis areas encompass both cores and migration corridors.</p> <p>EXCEPTION, NSO-20: Standard exception applies. EXCEPTION, SSR-17: Standard exceptions apply. Plus, an exception would be provided for habitat improvement projects. Habitat improvements would be demonstrably positive for target species without being detrimental to native species populations.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				
<p>NSO-21 <i>Mule Deer and Elk Habitat</i> BLM Surface: 35,770 acres Split-estate: 35,220 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use in mule deer and elk crucial winter range, including severe winter range and winter concentration areas, and in elk reproduction areas. Prohibit surface occupancy and use in big game migration corridors.</p> <p>PURPOSE: To protect the most important wildlife habitats in the North Fork area.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		
	Special Status Plants				
<p>NSO-UB-2 (BLM 1989a) <i>Threatened, Endangered, Candidate, and Sensitive Plant Areas</i> BLM Surface: 210 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use in the Fairview South ACEC/RNA to protect the threatened, endangered, candidate, and sensitive plants and their potential habitat.</p> <p>PURPOSE: To protect the threatened, endangered, candidate, and sensitive plants and their potential habitat within the Fairview Research Natural Area, an area of critical environmental concern.</p>	•			

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>EXCEPTION: This stipulation may be waived, excepted, or modified by the BLM Authorized Officer if the lessee can demonstrate that operations can be conducted without causing unacceptable impacts on threatened, endangered, candidate, and sensitive plants and their potential habitats within these areas.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				
<p>NSO-CO-8 (BLM 1991a) Special Status Plant Species BLM Surface: 2,130 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use on habitat areas with special status plant species (includes federally-listed and proposed species for listing and candidate species).</p> <p>EXCEPTION: Exception for special status plant species habitat. The NSO may be altered after important factors are considered in a site-specific impact analysis such as the type and amount of surface disturbance, plant frequency and density, and the relocation of disturbances.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			
<p>NSO-22/NGD-8 Plant Endangered Species Act (ESA)-Listed Species BLM Surface: 5,470 acres Split-estate: 390 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within a 200-meter (656-foot) buffer from the edge of habitat of federally listed, proposed, or candidate threatened or endangered plant species, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM.</p> <p>PURPOSE: To protect federally listed, proposed, or candidate threatened or endangered plant species and habitat, and promote recovery of the species.</p> <p>EXCEPTION, NSO-22: Standard exception applies.</p> <p>EXCEPTION, NGD-8: This stipulation is excepted in the North Delta OHV area.</p> <p>MODIFICATION, NSO-22: Standard modification applies.</p> <p>MODIFICATION, NGD-8: In addition to the standard modification, small-scale disturbances (consider spatial and temporal variables) such as recreation trail construction, vegetation trimming, and hand tool work would be permitted outside of a 30-meter buffer from known federally protected plant populations.</p> <p>WAIVER: Standard waivers apply.</p>		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Special Status Fish and Aquatic Wildlife				
NSO-23/NGD-9 <i>Wildlife ESA-Listed Species (Occupied Federally Listed Fish Habitat)</i> BLM Surface: 51,460 acres Split-estate: 2,390 acres	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 1.0 mile of federally listed fish occupied habitat, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM. PURPOSE: To maintain the integrity of habitat for federally listed species and promote recovery of the species. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
NSO-24/SSR-22 <i>Wildlife ESA-Listed Species (Occupied Federally Listed Fish Habitat)</i> BLM Surface: 270 acres Split-estate: 260 acres	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 2,500 feet of the ordinary high-water mark of the Lower Gunnison River, below the confluence with the Uncompahgre River, along occupied federally listed fish habitat. PURPOSE: To maintain the integrity of habitat for federally listed species and promote recovery of the species. EXCEPTION, NSO-24: Standard exception for NSO-15. EXCEPTION, SSR-22: In addition to the standard exception, this stipulation may be excepted for essential future actions in which implementation of a professionally engineered design, construction, maintenance, and reclamation plan can mitigate to the fullest extent practicable all potential resource damage associated with the proposed action. Standard MODIFICATIONS and WAIVER apply.				•
NSO-25 <i>Occupied Native Cutthroat Trout Habitat</i> No Data	STIPULATION: Prohibit surface occupancy and use within 0.50-mile of stream segments that have existing and potential habitat for native cutthroat trout. PURPOSE: To protect sensitive water bodies in the North Fork that provide habitat to native cutthroat trout. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-26/SSR-25 <i>Occupied Native Cutthroat Trout Habitat</i> BLM Surface: 13,260 acres Split-estate: 10,390 acres	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 325 feet of the edge of the ordinary high-water mark (bank-full stage) of occupied habitat for conservation populations (90 percent pure or greater) of native cutthroat trout. PURPOSE: To protect occupied habitat for a federally threatened species. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•
NSO-27 <i>Northern Leopard Frog Breeding Sites</i> <i>No Data</i>	STIPULATION: Prohibit surface occupancy and use within 0.25-mile of northern leopard frog breeding sites. PURPOSE: To protect northern leopard frog breeding sites and surrounding habitat components. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		
Special Status Terrestrial Wildlife					
NSO-28/NGD-10 <i>Wildlife ESA-Listed Species (Wildlife and Bird Species' Occupied Habitat)</i> <i>No Data</i>	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within habitat for federally listed wildlife and bird species, except for Canada lynx and yellow-billed cuckoo, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM. PURPOSE: To protect all known and currently occupied core habitats for federally protected species, in accordance with the ESA. Standard EXCEPTION and WAIVER apply. MODIFICATION, NSO-28: Standard modification applies. MODIFICATION, NGD-10: In addition to standard modifications, for unavoidable habitat losses, modification of the NGD area may be issued provided the following criteria are all satisfied: 1. Section 7 consultation is completed and USFWS recommended conservation measures are fully applied; 2. No direct "take" of protected species occurs as a result of the action; and		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	3. Lost or degraded habitat is fully restored through on-site or off-site mitigation, as determined by the BLM.				
NSO-29/SSR-28 <i>Wildlife ESA-Listed Species (Wildlife and Bird Species' Occupied Habitat)</i> No Data	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within habitat for federally listed, proposed, or candidate threatened or endangered wildlife and bird species, except for Canada lynx, Mexican spotted owl, and yellow-billed cuckoo, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM.</p> <p>PURPOSE: To maintain the integrity of habitat for federally listed, proposed, or candidate, threatened or endangered wildlife species and promote recovery of the species.</p> <p>Standard EXCEPTION and WAIVER apply.</p> <p>MODIFICATION, NSO-29: Standard modification applies.</p> <p>MODIFICATION, SSR-28: In addition to standard modifications, for unavoidable habitat losses, modification of the NSO area may be issued provided the following criteria are all satisfied:</p> <ol style="list-style-type: none"> 1. Sec.7 consultation is completed and FWS recommended conservation measures are fully applied; 2. No direct "take" of protected species occurs as a result of the action; and 3. Lost or degraded habitat is fully restored through on-site or off-site mitigation, as determined by the BLM. 				•
NSO-30/NGD-11 <i>Wildlife ESA-Listed Species (Yellow-billed Cuckoo Habitat)</i> BLM Surface: 6,080 acres Split-estate: 1,370 acres	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions in yellow-billed cuckoo habitat.</p> <p>PURPOSE: To protect occupied habitat for a federal candidate species, in accordance with the ESA.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>NSO-CO-2 (BLM 1991a) Grouse BLM Surface: 360 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within 0.25-mile radius of a lek site for grouse (sage-grouse and mountain sharp-tailed grouse, and lesser and greater prairie chickens).</p> <p>EXCEPTION: For grouse leks the NSO area may be altered depending upon the active status of the lek or the geographical relationship of topographical barriers and vegetation screening to the lek site.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			
<p>NSO-31/SSR-32 Gunnison Sage-grouse Breeding (Lek) Habitat BLM Surface: 1,330 acres Split-estate: 5,370 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions in Gunnison sage-grouse lek habitat (lek area plus a 0.6-mile radius).</p> <p>PURPOSE: Maintain integrity of habitat surrounding leks that are used during the breeding period.</p> <p>EXCEPTION, NSO-31: Standard exception applies.</p> <p>EXCEPTION, SSR-32: An exception may be granted by the BLM UFO Field Manager, in cooperation with the CPW, if an environmental analysis determines that the action, as proposed or conditioned, would not impair the function or utility of the site for current or subsequent reproductive display, including daytime loafing/staging activities.</p> <p>Standard MODIFICATION and WAIVER apply.</p>			•	•
<p>NSO-32/NGD-13 Gunnison Sage-grouse Breeding (Non-lek) Habitat BLM Surface: 42,850 acres Split-estate: 43,870 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 4.0 miles of an active lek or within mapped Gunnison sage-grouse nesting and early brood-rearing habitat.</p> <p>PURPOSE: Maintain integrity of habitat surrounding leks that are used during the breeding period</p> <p>EXCEPTION, MODIFICATION, and WAIVER, NSO-32: Standard exception, modification, and waiver apply to NSO-32.</p> <p>EXCEPTION, NGD-13: An exception may be granted by the BLM UFO Field Manager, in cooperation with the CPW, if an environmental analysis determines that the action, as proposed or conditioned, would not impair the function or utility of the site for current or subsequent reproductive</p>		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>display, including daytime loafing/staging activities.</p> <p>MODIFICATION, NGD-13: The no surface occupancy or use area may be modified in extent, or substituted with a timing limitation, by the BLM UFO Field Manager if an environmental analysis finds 1) that a portion of the area is nonessential to site utility or function, 2) that the proposed action could be conditioned so as not to impair the function or utility of the site for current or subsequent reproductive display, including daytime loafing/staging activities, or 3) it is determined that the site has been unoccupied for a minimum of 10 years unless the area has been identified for habitat restoration and population recovery.</p> <p>The stipulation may also be modified if the proponent, BLM, CPW, and where necessary, other affected interest, negotiate compensation that satisfactorily offsets anticipated impacts on sage-grouse breeding activities and/or habitats.</p> <p>WAIVER, NGD-13: The BLM UFO Field Manager may grant a waiver if, in cooperation with the CPW, it is determined that the lease area is no longer capable of supporting suitable lekking activity.</p>				
<p>NSO-33 <i>Gunnison Sage-grouse Habitat</i> BLM Surface: 1 acre Split-estate: 0 acre</p>	<p>STIPULATION: Prohibit surface occupancy and use within 4.0 miles of any known lek and within mapped Gunnison sage-grouse breeding, summer, and winter habitat outside of the 4.0-mile buffer.</p> <p>PURPOSE: To maintain integrity of habitat surrounding leks that are used during the breeding period, as well as other Gunnison sage-grouse habitat.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		
<p>NSO-CO-3 (BLM 1991a) <i>Raptors (golden eagle, osprey, accipiters, falcons [except kestrel], buteos, and owls)</i></p>	<p>STIPULATION: Prohibit surface occupancy and use within 0.125-mile of nest sites.</p> <p>MODIFICATION: The NSO area may be altered depending on the active status of the nest site or the geographical relationship of topographic barriers and vegetation screening to the nest site.</p>	•			

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
BLM Surface: 810 acres Split-estate: 390 acres	Standard EXCEPTION and WAIVER apply.				
NSO-CO-4 (BLM 1991a) Bald Eagle BLM Surface: 1,950 acres	STIPULATION: Prohibit surface occupancy and use within 0.25-mile of bald eagle roost or nest sites. MODIFICATION: Exception for bald eagle roost site. The NSO applies to the essential features of the winter roost site complex. The NSO area may be altered depending on the active status of the roost or the geographical relationship of topographic barriers and vegetation screening. Standard EXCEPTION and WAIVER apply.	•			
NSO-CO-5 (BLM 1991a) Peregrine Falcons BLM Surface: 1,710 acres Split-estate: 0 acres	STIPULATION: Prohibit surface occupancy and use within 0.25-mile of cliff nesting complex. (Note: Peregrine falcon was removed from the federal list of threatened and endangered species in 1999. It is currently managed as a BLM sensitive species.) PURPOSE: To protect peregrine falcon nest sites. Standard EXCEPTION, MODIFICATION, and WAIVER apply.	•			
NSO-34/NGD-14 Raptor Nest Sites BLM Surface: 4,270 acres Split-estate: 960 acres	STIPULATION: <u>Special Status Raptors:</u> Prohibit surface occupancy and use and surface-disturbing and disruptive activities within 0.25-mile of active/inactive special status raptor nest sites and associated alternate nests. <u>Non-Special Status Raptors (except kestrel):</u> Prohibit surface occupancy and surface disturbing and disruptive activities within 0.125-mile of active nest sites and associated alternate nests. PURPOSE: To protect special status raptor nests and surrounding habitat components and structure. To comply with the Migratory Bird Treaty Act. MODIFICATION, NSO-34: Standard modification applies. MODIFICATION, NGD-14: The NSO area may be modified in cases where topographic configuration ensures an effective visual/ noise barrier between disruptive activities and		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	the nest site or when activities will not result in adverse modification of vegetation and stand structure. Standard EXCEPTION and WAIVER apply.				
NSO-35 <i>Bald Eagle, Golden Eagle, and Peregrine Falcon Nest Sites</i> BLM Surface: 2,770 acres Split-estate: 690 acres	STIPULATION: Prohibit surface occupancy and use within 0.25-mile of any active or historic bald eagle or golden eagle nest site and within 0.50-mile of any active or historic peregrine falcon nest site. PURPOSE: To protect bald and golden eagle and peregrine falcon nests and surrounding habitat components and structure. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B. I		
NSO-36/SSR-36 <i>Raptor Nest Sites (Except Mexican Spotted Owl)</i> BLM Surface: 8,440 acres Split-estate: 1,390 acres	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions in the following areas: <ul style="list-style-type: none">• Bald Eagle: within 0.25-mile of active and inactive nest sites or within 100 meters (328 feet) of abandoned nests (i.e., unoccupied for 5 consecutive years but with all or part of the nest remaining)• Golden Eagle: within 0.25-mile of active and inactive nest sites or within 100 meters (328 feet) of abandoned nests (i.e., unoccupied for 5 consecutive years but with all or part of the nest remaining)• Ferruginous Hawk, Peregrine Falcon, Prairie Falcon, and Northern Goshawk: within 0.50-mile of active and inactive nest sites• All other Special Status and Non-Special Status Raptors (except Mexican spotted owl): within 0.25-mile of active and inactive nest sites Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•
NSO-37/NGD-15 <i>Bald Eagle Winter Roost Sites</i> BLM Surface: 9,200 acres	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 0.5-mile of bald eagle winter roost sites. PURPOSE: To maintain the integrity of active winter roost sites and surrounding habitat.		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
Split-estate: 370 acres	Standard EXCEPTION, MODIFICATION, and WAIVER apply.				
NSO-38/SSR-38 <i>Bald Eagle Winter Roost Sites</i> BLM Surface: 4,570 acres Split-estate: 370 acres	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 0.25-mile of bald eagle winter roost sites. PURPOSE: To maintain the integrity of active winter roost sites and surrounding habitat. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•
NSO-CO-6 (BLM 1991a) <i>Mexican Spotted Owl</i> No Data	STIPULATION: Prohibit surface occupancy and use within 0.25-mile of confirmed roost and nesting sites. PURPOSE: To protect Mexican spotted owl roosts and nest sites. Standard EXCEPTION, MODIFICATION, and WAIVER apply.	•			
NSO-39/NGD-16 <i>Mexican Spotted Owl</i> No Data	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 1.0 mile of confirmed roost and nesting sites. PURPOSE: To protect Mexican spotted owl roosts and nest sites. EXCEPTION, NSO-39: Standard exception applies. EXCEPTION, NGD-16: The BLM UFO Field Manager may grant an exception if an environmental analysis and Section 7 consultation with USFWS indicates that the nature or conduct of the action, as proposed or conditioned, would not impair the function or utility of the site for current or subsequent roosting activities or occupancy. Standard MODIFICATION and WAIVER apply.		•		
NSO-40/SSR-41 <i>Mexican Spotted Owl</i> No Data	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions on lands identified as Protected Activity Centers for Mexican spotted owl. PURPOSE: To maintain the integrity of the breeding and brood rearing complex. EXCEPTION, NSO-40: Standard exception applies.				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>EXCEPTION, SSR-41: An exception can be granted if an environmental analysis of the proposed action and subsequent consultation indicates that the nature or conduct of the activity could be conditioned so as not to impair the utility of Protected Activity Center for current or subsequent reproductive activity or occupancy.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				
<p>NSO-41/NGD-17 Wildlife BLM Sensitive Species (Gunnison and White-tailed Prairie Dogs) BLM Surface: 6,480 acres Split-estate: 710 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 150 feet of active prairie dog towns.</p> <p>PURPOSE: To reduce or eliminate threats to BLM sensitive wildlife species to minimize the likelihood of and need for listing of these species under the ESA.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		
<p>NSO-42/NGD-18 Wildlife BLM Sensitive Species (Gunnison and White-tailed Prairie Dogs) BLM Surface: 90 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and surface-disturbing activities of more than 1.0 acre in active prairie dog towns that are <i>less than</i> 10 acres. Relocate these activities that require more than 1.0 acre so they are outside the active prairie dog town.</p> <p>PURPOSE: To reduce threats to BLM sensitive wildlife species to minimize the likelihood of and need for listing of these species under the ESA.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	
<p>NSO-43/NGD-19 Wildlife Bat; Bat Roost Sites and Winter Hibernacula BLM Surface: 2,900 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within a 402-meter (0.25-mile) radius of the entrance of maternity roosts or hibernacula of federally listed, BLM sensitive, and Colorado State Species of Concern bat species, as mapped in the BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM.</p> <p>PURPOSE: To protect listed and sensitive bat populations and crucial habitats.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>NSO-44/SSR-46 <i>Wildlife Bat; Bat Roost Sites and Winter Hibernacula (Federally Listed and BLM Sensitive Species)</i> BLM Surface: 2,900 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within a 402-meter (0.25-mile) radius of the entrance of maternity roosts or hibernacula of federally listed and BLM sensitive bat species, as mapped in the BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM.</p> <p>PURPOSE: To protect sensitive bat species’ maternity roosts and hibernacula</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
<p>NSO-CO-7 (BLM 1991a) <i>Waterfowl and Shorebird</i> No Data</p>	<p>STIPULATION: Prohibit surface occupancy and use on significant production areas (major areas are Waterfowl Habitat Management Areas and rookeries).</p> <p>PURPOSE: To protect waterfowl and shorebird habitat and rookeries.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>	•			
<p>NSO-9/SSR-11 <i>Hydrology River</i> BLM Surface: 26,990 acres Split-estate: 1,060 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 400 meters (1,312 feet) of the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever area is greatest) on the following major rivers: Gunnison, North Fork Gunnison, San Miguel, Uncompahgre, and Dolores Rivers.</p> <p>PURPOSE: To protect rivers and adjacent aquatic habitat that provide: a) <i>special status</i> or <i>critical</i> fish and wildlife species habitat: b) important riparian values: c) water quality/filtering values: d) waterfowl and shorebird production values: e) valuable amphibian habitat: f) 100-year floodplain, and g) high scenic and recreation values of major rivers. Minimizing potential deterioration of water quality, high scenic and recreation values, maintain natural hydrologic function and condition of stream channels, banks, floodplains, and riparian communities, and preserve wildlife habitat including designated critical habitat for federally listed fish species. The buffers are sized to accommodate the rivers’ larger floodplains and wider riparian zones.</p>				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Standard EXCEPTION, MODIFICATION, and WAIVER apply.				
	Cultural Resources				
NSO-45/NGD-20 <i>Allocation to Traditional Use</i> <i>No Data</i>	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 200 meters (656 feet) around eligible or potentially eligible sites allocated to Traditional Use.</p> <p>PURPOSE: For the protection of traditional cultural uses, values and resources.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply. Grants of exceptions, modifications and waivers may be subject to consultation with the appropriate Native American tribal entities.</p>		•		
NSO-46/SSR-49 <i>Allocation to Traditional Use</i> <i>No Data</i>	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 200 meters (656 feet) around eligible or potentially eligible sites allocated to Traditional Use. In addition, consider visual impacts that projects may have on sites allocated to this use, and apply appropriate mitigation, which may include redesign.</p> <p>PURPOSE: For the protection of traditional cultural uses, values and resources.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply. Grants of exceptions, modifications and waivers may be subject to consultation with the appropriate Native American tribal entities.</p>				•
<i>NSO-SJ-1 (BLM 1991a)</i> <i>Scenic, Natural, and Cultural Values and Resources</i> BLM Surface: 19,910 acres	<p>STIPULATION: Prohibit surface occupancy and use within the following areas:</p> <ul style="list-style-type: none"> • Tabeguache Cave II and Tabeguache Canyon (13,800 acres) • Dolores Cave (10 acres) • Tabeguache Pueblo (6,100 acres) <p>PURPOSE: For the protection of scenic, natural, and cultural values and resources.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>	•			

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-47/NGD-21 <i>Tabeguache Caves/Tabeguache Pueblos Area and Tabeguache Canyon</i> BLM Surface: 21,110 acres	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions in the Tabeguache Pueblos area and Tabeguache Canyon. PURPOSE: For the protection of cultural values and resources. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
NSO-48/NGD-22 <i>Cultural</i> BLM Surface: 980 acres Split-estate: 10 acres	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within 200 meters (656 feet) of eligible cultural properties, traditional cultural properties listed National or State Registers of Historic Places (sites or districts), outstanding cultural resources to be nominated to the National or State Registers of Historic Places, interpreted and/or public use sites, and experimental-use sites. PURPOSE: To protect cultural resource sites that may be damaged from inadvertent, unauthorized, or authorized uses. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
NSO-49/SSR-52 <i>Cultural</i> BLM Surface: 8,150 acres Split-estate: 1,290 acres	STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions within 100 meters (328 feet) of known eligible cultural resources, traditional cultural properties, listed National Register sites/districts, outstanding cultural resources to be nominated to the National Register of Historic Places, interpreted and/or public use sites, and experimental-use sites (BLM Manual 8110.42[A-E]). PURPOSE: To protect cultural resource sites that may be damaged from inadvertent, unauthorized, or authorized uses. EXCEPTION, NSO-49: Standard exception applies. EXCEPTION, SSR-52: The BLM Authorized Officer may: (1) allow archaeological documentation, controlled surface collection, and/or excavation that, where not prohibited, may result in the sites physical alteration or destruction, and (2) change the site protection boundary on a case-by-case basis, taking into account topographical barriers, the nature of the proposed action, and the nature of the cultural resource site and/or area. Standard MODIFICATION and WAIVER apply.				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-50 <i>National Register District</i> Alternative B: BLM Surface: 31,870 acres Alternatives C and D: BLM Surface: 1,080 acres	STIPULATION: Prohibit surface occupancy and use in the following areas nominated as National Register Districts: <u>Alternative B:</u> <ul style="list-style-type: none"> • Lower Uncompahgre Plateau between the Dry Creek Basin and Roubideau Creek <u>Alternatives C and D:</u> <ul style="list-style-type: none"> • Paradox Rock Art Complex PURPOSE: For the protection of cultural values and resources. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•	•	•
	Visual Resources				
NSO-51/NGD-23 <i>Visual Class I</i> BLM Surface: 53,870 acres Split-estate: 100 acres	STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions in VRM Objective Class I areas. PURPOSE: To protect the quality of the scenic (visual) values. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
NSO-52 <i>Travel and Scenic Corridors</i> BLM Surface: 18,250 acres Split-estate: 20,940 acres	STIPULATION: Prohibit surface occupancy and use within 1.0 mile of: <ul style="list-style-type: none"> • West Elk Scenic Byway (Colorado Highways 92 and 133 and Gunnison County Road 12) • 3100 Road • North Road • Crawford Road • Back River Road PURPOSE: To protect the visual features visible from scenic corridors and scenic roads. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Lands with Wilderness Characteristics				
NSO-53/SSR-56 <i>Lands with Wilderness Characteristics</i> BLM Surface: 18,320 acres	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR restrictions on identified lands being managed to protect inventoried wilderness characteristics:</p> <ul style="list-style-type: none"> • Camel Back WSA Adjacent (6,950 acres) • Dry Creek Basin (7,040 acres) • Roc Creek (4,340 acres) <p>PURPOSE: To preserve inventoried wilderness characteristics and their locally, regionally, or nationally significant recreational, social, economic, and environmental values.</p> <p>EXCEPTION, NSO-53: Standard exception applies.</p> <p>EXCEPTION, SSR-56: In addition to the standard exception, this stipulation may be excepted for projects that enhance wilderness characteristics over the long run, and that do not eliminate wilderness characteristics in the short term.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				•
	Coal				
<i>NSO-CO-1 (BLM 1991a)</i> <i>Coal Lands</i> BLM Surface: 0 acres Split-estate: 0 acres	<p>STIPULATION: Prohibit surface occupancy and use on leases within the area of federally leased coal lands where oil and gas development would likely be incompatible with coal extraction.</p> <p>PURPOSE: To protect (1) the coal resource; (2) the mine workings used to access and extract the coal resource; and (3) the safety of the miners.</p> <p>WAIVER: This stipulation may be waived without a plan amendment if the lessee agrees that the drilling of a well will be subject to the following conditions: (1)(a) well must be plugged when the mine approaches within 500 feet of the well and re-entered or re-drilled upon completion of the mining operation; (b) well must be plugged in accordance with Mine Safety and Health Administration (formerly Mine Enforcement and Safety Administration) Informational Report 1052; (c) operator will provide accurate location of where the casing intercepts the coal by providing a directional and deviation survey of the well to the coal operator; or (2) relocate well into a permanent pillar or outside the area to be mined. A</p>	•			

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>suspension of operations and production will be considered for the oil and gas lease only when a well is drilled and later plugged, a new well or re-entry is planned when the mine moves through the location.</p> <p>Standard EXCEPTION and MODIFICATION apply.</p>				
	Fluid Minerals				
<p>NSO-54 <i>Recreation Park</i> BLM Surface: 9,220 acres Split-estate: 7,270 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within the boundaries of:</p> <ul style="list-style-type: none"> • Curecanti National Recreation Area <ul style="list-style-type: none"> ○ BLM Surface: 7,120 acres ○ Split-estate: 0 acres • State Parks <ul style="list-style-type: none"> ○ BLM Surface (2,080 acres) ○ Split-estate (810 acres) • State wildlife areas <ul style="list-style-type: none"> ○ BLM Surface (0 acres) ○ Split-estate (5,900 acres) • Municipal Parks: <ul style="list-style-type: none"> ○ BLM Surface: 0 acres ○ Split-estate: 560 acres <p>PURPOSE: To protect the resources of wildlife areas and park units, such as county parks, state parks and wildlife areas, and federal parks.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
<p>NSO-55 <i>Bureau of Reclamation Dams or Appurtenant Structures</i> BLM Surface: 300 acres Split-estate: 180 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within 1,500 feet of Ridgway, Crawford, and Paonia dams or their appurtenant structures. Also, prohibit directional drilling within 1,500 vertical feet below a Bureau of Reclamation dam or its appurtenant structures. (Directional and/or horizontal drilling could be conducted more than 1,500 feet below these dams and structures from outside the 1,500-foot radius of the structures.)</p> <p>PURPOSE: To protect the integrity of US Bureau of Reclamation dams and associated structures.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•	•	•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Recreation and Visitor Services				
<p>NSO-SJ-3 (BLM 1991a)</p> <p>NSO-56 Recreation SRMAs</p> <p>Alternative A: BLM Surface: 13,370 acres</p> <p>Alternative B: BLM Surface: 160,110 acres</p> <p>Alternative D: BLM Surface: 80,390 acres</p>	<p>Recreation and Visitor Services</p> <p>STIPULATION: Prohibit surface occupancy and use within the following SRMAs:</p> <p><u>Alternative A:</u></p> <ul style="list-style-type: none"> • Dolores River Canyon <p><u>Alternative B:</u></p> <ul style="list-style-type: none"> • Burn Canyon • Dry Creek RMZ 3 • Jumbo Mountain RMZ 2 • Kinikin Hills • North Delta • Paradox Valley RMZs 1, 2, and 3 • Ridgway Trails RMZ 2 • Spring Creek RMZ 3 <p><u>Alternative D:</u></p> <ul style="list-style-type: none"> • Dolores River Canyon • Dry Creek RMZs 2 and 4 • Jumbo Mountain • Ridgway Trails • Roubideau • San Miguel River RMZs 1, 2, and 3 • Spring Creek <p>PURPOSE: To protect specific recreation-tourism visitors and/or community customer markets to be served, and maintain the specific setting character and/or service delivery system conditions that are essential to achievement of the experiences and benefits identified in management objectives for the SRMA.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>	•	•		•
<p>NSO-57 Recreation Jumbo Mountain SRMA</p> <p>BLM Surface: 5,020 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within the Jumbo Mountain SRMA.</p> <p>PURPOSE: To protect outstanding recreational opportunities in the area.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Areas of Critical Environmental Concern				
NSO-UB-7 (BLM 1989a) NSO-58/NGD-26/SSR-57 Special Designation ACEC Alternative A: BLM Surface: 7,220 acres Alternative B: BLM Surface: 149,260 acres Alternative C: BLM Surface: 80 acres Alternative D: BLM Surface: 51,310 acres	<p>STIPULATION: Prohibit surface occupancy and use and apply SSR/NGD restrictions in the following ACECs:</p> <p><u>Alternative A (NSO only)</u></p> <ul style="list-style-type: none"> • Adobe Badlands (6,370 acres) • Fairview South (210 acres) • Needle Rock (80 acres) • Tabeguache Creek (560 acres) <p><u>Alternative B (NSO/NGD, except where noted)</u></p> <ul style="list-style-type: none"> • Coyote Wash (2,100 acres) • East Paradox (7,360 acres) • Fairview South (CNHP Expansion) (4,250 acres) • La Sal Creek (10,490 acres) • Lower Uncompahgre Plateau (31,810 acres) • Needle Rock (80 acres) (NSO/SSR) • Paradox Rock Art (1,080 acres) • Salt Desert Shrub Ecosystem (34,510 acres) (includes the existing Adobe Badlands ACEC/ONA) • San Miguel Gunnison Sage-grouse (470 acres) • Sims-Cerro Gunnison Sage-grouse (25,620 acres) • Tabeguache Pueblo and Tabeguache Caves (26,400 acres) • West Paradox (5,190 acres) <p><u>Alternative C (NSO only)</u></p> <ul style="list-style-type: none"> • Needle Rock (80 acres) <p><u>Alternative D (NSO only, except where noted)</u></p> <ul style="list-style-type: none"> • Adobe Badlands (6,370 acres) • Biological Soil Crust (1,900 acres) (NSO/SSR) • Dolores River Slickrock Canyon (9,770 acres) (NSO/SSR) • East Paradox (7,360 acres) • Fairview South (BLM Expansion) (610 acres) (NSO/SSR) • Needle Rock (80 acres) • Paradox Rock Art (1,080 acres) • Roubideau Corridors (8,720 acres) (NSO/SSR) • San Miguel River (22,780 acres) <p>PURPOSE: To protect and prevent irreparable damage to resources described in the relevance and importance criteria for the designated ACEC.</p>	•	•	•	•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Standard EXCEPTION, MODIFICATION, and WAIVER apply.				
	Wild and Scenic Rivers				
NSO-59/NGD-29 <i>Special Designation WSR (“Wild”) BLM Surface:</i> 17,210 acres <i>Split-estate:</i> 90 acres	<p>STIPULATION: Prohibit surface occupancy and use and apply NGD restrictions within the WSR study corridor, as defined in the Uncompahgre Wild and Scenic River Suitability Report (Appendix P), of the following segments identified as suitable for inclusion in the National Wild and Scenic Rivers System with the classification of “wild:”</p> <ul style="list-style-type: none"> • Monitor Creek • Potter Creek • Roubideau Creek Segment 1 • Dry Creek • Saltado Creek • San Miguel River Segment 2 • Tabeguache Creek Segment 1 • Dolores River Segment 1a • La Sal Creek Segment 3 <p>PURPOSE: To protect WSR outstandingly remarkable values, free-flowing nature, and water quality of eligible or suitable river segments and their consequent recreational, social, economic, and environmental significance.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		
NSO-60 <i>Special Designation WSR (“Wild” or “Scenic”) BLM Surface:</i> 14,850 acres <i>Split-estate:</i> 70 acres	<p>STIPULATION: Prohibit surface occupancy and use within the WSR study corridor, as defined in the Uncompahgre Wild and Scenic River Suitability Report (Appendix P), of the following segments identified as suitable for inclusion in the National Wild and Scenic Rivers System with the classification of “wild” or “scenic:”</p> <ul style="list-style-type: none"> • Monitor Creek • Potter Creek • Roubideau Creek Segment 1 • Beaver Creek • Saltado Creek • San Miguel River Segment 2 • Tabeguache Creek Segment 1 				•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<ul style="list-style-type: none"> • Lower Dolores River • Dolores River Segment 1a • La Sal Creek Segment 2 • La Sal Creek Segment 3 <p>PURPOSE: To protect WSR outstandingly remarkable values, free-flowing nature, and water quality of eligible or suitable river segments and their consequent recreational, social, economic, and environmental significance.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
	National Trails and Byways				
<p>NSO-61 <i>Special Designation Trail (Old Spanish National Historic Trail)</i> BLM Surface: 5,610 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within an 805-meter (0.50-mile) of the centerline of the following: Old Spanish National Historic Trail.</p> <p>PURPOSE: To protect the physical evidence of the trail, associated cultural and historic resources, and integrity of the viewshed associated with the Old Spanish National Historic Trail.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		•
<p>NSO-62 <i>Special Designation Trail (Old Spanish National Historic Trail)</i> BLM Surface: 5,610 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within 50-meters (164 feet) of the centerline of the following: Old Spanish National Historic Trail.</p> <p>PURPOSE: To protect the Old Spanish National Historic Trail.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	
<p>NSO-63 <i>Special Designation Trail (National Recreation Trails)</i> BLM Surface: 25,740 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within 805 meters (0.50-mile) of the center line of National Recreation Trails.</p> <p>PURPOSE: To protect the physical evidence of the trail, associated cultural and historic resources, and integrity of the viewshed associated with the trail.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-64 <i>Special Designation Trail (National Recreation Trails)</i> BLM Surface: 7,180 acres	STIPULATION: Prohibit surface occupancy and use within 200 meters (656 feet) of the center line of designated National Recreation trails. PURPOSE: To protect the physical evidence of the trail, associated cultural and historic resources, and integrity of the viewshed associated with the trail. Standard EXCEPTION, MODIFICATION, and WAIVER apply.			•	•
NSO-65 <i>Special Designation Byway (Scenic Byways)</i> BLM Surface: 34,680 acres Split-estate: 12,440 acres	STIPULATION: Prohibit surface occupancy and use within the viewshed of designated scenic byways, up to a distance of 805 meters (0.50-mile). PURPOSE: To protect the quality of the scenic (visual) values of scenic, historic, or backcountry byways. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
	Public Health and Safety				
NSO-66/NGD-30 <i>DOE Uranium Mill Tailings Remedial Action Area</i> BLM Surface: 20 acres Split-estate: 5 acres	STIPULATION: Prohibit surface occupancy and use and surface-disturbing activities in the supplemental standard area around Uranium associated with the US DOE Uranium Mill Tailings Remedial Action Area. PURPOSE: To protect humans from potentially contaminated soils. EXCEPTION: In addition to the standard exception, concurrence must be obtained from the applicable regulatory agency for these areas (e.g., US DOE, Nuclear Regulatory Commission, Colorado Department of Public Health and Environment, and/or EPA). Standard MODIFICATION and WAIVER apply.		•	•	•

**Table B-2
No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
NSO-67 <i>Dwellings and High-Occupancy Buildings</i> No Data	STIPULATION: Prohibit surface occupancy and use within 152 meters (500 feet) of occupied dwellings and building units (as defined by the State of Colorado), or within 305 meters (1,000 feet) from high-occupancy buildings (as defined by the State of Colorado). PURPOSE: To protect residential developments within unincorporated communities (towns and subdivisions). Standard EXCEPTION, MODIFICATION, and WAIVER.		•		•
NSO-68 <i>Community Facilities</i> BLM Surface: 2,730 acres Split-estate: 3,780 acres	STIPULATION: Prohibit surface occupancy and use within 402 meters (0.25-mile) of schools and community facilities: <ul style="list-style-type: none"> • North Fork Swimming Pool • Crawford School • Hotchkiss High School • North Fork Community Montessori School • North Fork Recycling Center PURPOSE: Providing better protections for public health and safety, this designation will also protect the North Fork’s unique small town, rural setting. EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.		B.1		

¹The sum of acres with NSO stipulations in this table may add up to more than the total acres with NSO stipulations presented in Chapter 2, as some areas may overlap.

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Land Health				
CSU-1/SSR-1 <i>Lands, Streams, and Wetlands “Not Meeting” or “Meeting with Problems” BLM Colorado Public Land Health Standards</i> BLM Surface: 393,000 acres Split-estate: 810 acres	STIPULATION: Apply CSU/SSR restrictions on lands, streams, and wetlands “not meeting” or “meeting with problems” BLM Colorado Public Land Health Standards (BLM 1997). PURPOSE: To reduce conflicts between authorized uses and projects or natural processes that improve land health. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
	Soils and Water				
CSU-2/SSR-2 <i>Geology Soil: Saline/Selenium Soils</i> BLM Surface: 107,170 acres	STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on lands within mapped soils with the following special characteristics: saline/selenium soils. Special design, construction, and implementation measures, including relocation of operation by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to avoid, minimize, and mitigate potential effects to soil productivity. PURPOSE: To improve reclamation potential, maintain soil stability and productivity of sensitive areas, and minimize contributions of salinity, selenium, and sediments likely to affect downstream water quality, fisheries, and other downstream aquatic habitats. EXCEPTION, CSU-2: Standard exception applies. EXCEPTION, SSR-2: This stipulation may be excepted for soil research purposes. Standard MODIFICATION and WAIVER apply.			•	
CSU-3/SSR-3 <i>Geology Soil: Saline/Selenium Soils</i> BLM Surface: 107,170 acres	STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on lands within mapped soils with the following special characteristics: saline/selenium soils. Special design, construction, and implementation measures, including relocation of operation by more than 200 meters (656 feet), may be required. Prior				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to avoid, minimize, and mitigate potential effects to soil productivity.</p> <p>PURPOSE: To improve reclamation potential, maintain soil stability and productivity of sensitive areas, and minimize contributions of salinity, selenium, and sediments likely to affect downstream water quality, fisheries, and other downstream aquatic habitats.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-4/SSR-4 <i>Geology Soil: Potential Biological Soil Crust</i> BLM Surface: 254,840 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on lands within mapped soils with the following special characteristics: in areas mapped as having potential biological soil crust. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to mitigate potential effects to soil productivity.</p> <p>PURPOSE: To proactively protect potential biological soil crust. Additionally, biological soil crust provides important soil cover component, serves to protect and enhance soil productivity, and acts as a stabilizer to inhibit erosion.</p> <p>EXCEPTION, CSU-4: Standard exception applies.</p> <p>EXCEPTION, SSR-4: This stipulation may be excepted for soil research purposes.</p> <p>Standard MODIFICATION and WAIVER apply.</p>		•		
<p>CSU-5/SSR-5 <i>Geology Soil: East Paradox Biological Soil Crust</i> BLM Surface: 1,650 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on lands within mapped soils with the following special characteristics: in areas mapped as East Paradox biological soil crust. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to mitigate potential effects to soil productivity.</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>PURPOSE: To proactively protect biological soil crust. Additionally, biological soil crust provides important soil cover component, serves to protect and enhance soil productivity, and acts as a stabilizer to inhibit erosion.</p> <p>EXCEPTION, CSU-5: Standard exception applies.</p> <p>EXCEPTION, SSR-5: This stipulation may be excepted for soil research purposes.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				
<p>CSU-6/SSR-6 <i>Geology Soil: Potential Biological Soil Crust</i></p> <p>No Data</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on lands within mapped soils with the following special characteristics: in areas mapped as having potential biological soil crust only when high levels of crust development are found. Determine the level of crust development using best available techniques. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to mitigate potential effects to soil productivity.</p> <p>PURPOSE: To proactively protect potential biological soil crust. To improve reclamation potential, maintain soil stability and productivity of sensitive areas, and minimize contributions of salinity, selenium, and sediments likely to affect downstream water quality, fisheries, and other downstream aquatic habitats.</p> <p>EXCEPTION, CSU-6: Standard exception applies.</p> <p>EXCEPTION, SSR-6: This stipulation may be excepted for soil research purposes.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>CSU-CO-27 (BLM 1991a) <i>Slopes of or Greater than 40 Percent</i> BLM Surface: 59,480 acres Split-estate: 1,960 acres</p>	<p>STIPULATION: Before disturbing the surface on slopes of 40 percent or greater, require a BLM Authorized Officer’s approval of a professional engineering/reclamation plan. Require that such a plan demonstrate how the following will be accomplished:</p> <ul style="list-style-type: none"> • Site productivity will be restored. • Surface runoff will be adequately controlled. • Off-site areas will be protected from accelerated erosion such as rilling, gullyng, piping, and mass wasting. • Surface-disturbing activities would not be conducted during extended wet periods. <p>PURPOSE: Slopes greater than 40 percent are typically considered steep slopes. Surface-disturbing activities on steep slopes should be avoided to minimize accelerated erosion and loss of soil productivity, which often has long-term, irreversible impacts.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>	•			
<p>CSU-7 <i>Moderate Geologic Hazard</i> <i>No Data</i></p>	<p>STIPULATION: Surface occupancy or use may be restricted on all areas with moderate geologic hazards. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>PURPOSE: To keep oil and gas development off slopes with potential mining-related problems.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		
<p>CSU-8/SSR-7 <i>Geology: Slope Greater than 40 Percent</i> BLM Surface: 115,080 acres Split-estate: 23,990 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on steep slopes over 40 percent. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to mitigate potential effects to slope stability.</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>PURPOSE: Slopes greater than 40 percent are typically considered steep slopes. To minimize the risk of mass wasting and sedimentation, reduce reclamation costs, protect soil productivity, rare, or sensitive biota, minimize risk to water bodies, fisheries, and aquatic species habitats, and protect human health and safety (e.g., from landslides and mass wasting).</p> <p>EXCEPTION, CSU-8: Standard exception applies.</p> <p>EXCEPTION, SSR-7: This stipulation may be excepted for equestrian or pedestrian trails and fences built to BLM standards.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				
<p>CSU-9/SSR-9 Geology: Slopes of 30 to 39 Percent BLM Surface: 60,200 acres Split-estate: 22,760 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on steep slopes of 30 to 39 percent. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit an engineering/reclamation plan to mitigate potential effects to slope stability.</p> <p>PURPOSE: Slopes greater than 30 percent are typically considered steep slopes. To minimize the risk of mass wasting and sedimentation, reduce reclamation costs, protect soil productivity, rare, or sensitive biota, minimize risk to water bodies, fisheries, and aquatic species habitats, and protect human health and safety (e.g., from landslides and mass wasting).</p> <p>EXCEPTION, CSU-9: Standard exception applies.</p> <p>EXCEPTION, SSR-9: This stipulation may be excepted for equestrian or pedestrian trails and fences built to BLM standards.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
CSU-10/SSR-10 <i>Hydrology River</i> BLM Surface: 26,990 acres Split-estate: 1,060 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions may be applied within 402 meters (1,320 feet) of the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever area is greatest) on the following major rivers: Gunnison, North Fork Gunnison, San Miguel, Uncompahgre, and Dolores Rivers.</p> <p>PURPOSE: To protect river corridors that provide: a) water quality/filtering values; b) important riparian values; c) special status fish and wildlife species habitat; d) waterfowl and shorebird production values; e) valuable amphibian habitat; and f) high scenic and recreation values of these major rivers.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	
CSU-11/SSR-12 <i>Perennial Streams</i> BLM Surface: 26,050 acres Split-estate: 12,730 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions may be applied on lands within 325 feet of the edge of the ordinary high-water mark (bank-full stage) of perennial streams.</p> <p>PURPOSE: To protect water quality, aquatic value, and prevent channel degradation.</p> <p>EXCEPTION: Essential soil disturbing activities such as roads, trails, and spring development (subject to BMPs and COAs).</p> <p>Standard MODIFICATION and WAIVER apply.</p>			•	
CSU-12 <i>Hydrology Features</i> BLM Surface: 13,590 acres Split-estate: 6650 acres	<p>STIPULATION: Surface occupancy or use may be restricted on lands adjacent to perennial, intermittent, and ephemeral streams; riparian areas, fens, and/or wetlands; and water impoundments. For perennial, intermittent, and ephemeral streams, measure the extent from the ordinary high-water mark (bank-full stage); for wetland features, measure the buffer from the edge of the mapped extent. For unmapped wetlands, determine the vegetation boundary (from which the buffer originates) in the field. Surface-disturbing activities may require special engineering design, construction, and implementation measures, including relocation of operations beyond 200 meters (656 feet) from</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>the extent of water impoundments, streams, riparian areas, and/or wetlands to protect water resources. Apply the CSU restrictions from 325 to 500 feet of the edge of the ordinary high-water mark (bank-full stage) of perennial streams.</p> <p>PURPOSE: To maintain the proper functioning condition, including the vegetation, hydrologic, and geomorphic functionality of wetland features. Protect water quality, riparian zones, fens, fish habitat, and aquatic habitat, and provide a clean, reliable source of water for downstream users. Buffers are expected to indirectly benefit migratory birds, wildlife habitat, amphibians, and other species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-13 <i>Hydrology Source</i> BLM Surface: 9,470 acres Split-estate: 3,060 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted on lands located greater than 305 meters (1,000 feet) but less than 805 meters (2,640 feet) (0.50-mile) of a classified surface water supply stream segment (as measured from the average high-water mark) for a distance of 8.05 kilometers (5 miles) miles upstream of a public water supply intake classified by the State as a “water supply,” and all public water supplies that use a groundwater well or spring. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit a coordinated water resources monitoring plan to mitigate potential effects to the source water protection areas of public water supply.</p> <p>If public water providers develop source water protection plans, apply this stipulation to cover the appropriate designated area in the protection plan and apply these protection measures.</p> <p>PURPOSE: To protect public water supplies, water quality, aquatic habitat, and human health.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	•

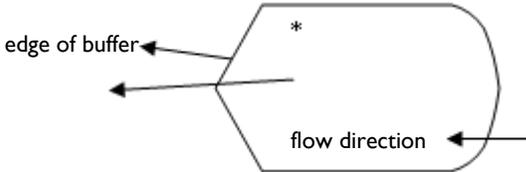
**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Vegetation				
CSU-14/SSR-14 <i>Plant Community</i> BLM Surface: 12,710 acres Split-estate: 870 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within occupied habitat that meets BLM’s criteria, as established in the RMP, for significant and/or relict plant communities (Exemplary, Ancient, and Rare vegetation communities). Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit a plan of development that would demonstrate that habitat would be preserved to maintain the viability of significant or relict plant communities.</p> <p>PURPOSE: To conserve significant and/or relict plant communities (e.g., exemplary, ancient, and rare vegetation communities) that are not otherwise protected. To limit damage to exceptional vegetation values from soil and vegetation-disturbing activities.</p> <p>EXCEPTION, CSU-14: Standard exception applies.</p> <p>EXCEPTION, SSR-14: Activities associated with restoring these areas or reducing threats to them.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				•
<i>CSU-CO-28</i> (BLM 1991a) <i>Riparian Vegetation Zone</i> BLM Surface: 120,970 acres Split-estate: 13,380 acres	<p>STIPULATION: Restrict oil and gas exploration and development, including roads, transmission lines, and storage facilities, to an area beyond the riparian vegetation zone.</p> <p>PURPOSE: For the protection of perennial water impoundments and streams and/or riparian/wetland vegetation zones.</p> <p>EXCEPTION: This stipulation may be excepted subject to an on-site impact analysis with consideration given to degree of slope, soils, importance to the amount and type of wildlife and fish use, water quality, and other related resource values. This stipulation will not be applied where the BLM Authorized Officer determines that relocation to 200 meters can be applied to protect the riparian system during well sighting.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative											
		A	B	C	D								
<p>CSU-15/SSR-15 <i>Naturally Occurring Riparian and Wetland Areas, Springs, Water Bodies, and Seeps</i> BLM Surface: 10,280 acres Split-estate: 70 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied on lands within 30 meters (100 feet) of the edge of the riparian zone along perennial and intermittent waters and naturally occurring wetlands, springs, and seeps. Surface-disturbing activities may require special engineering design, construction, and implementation measures, including relocation of operations beyond 200 meters (656 feet) to protect water resources.</p> <p>PURPOSE: To protect perennial and intermittent streams and natural wetlands from increased erosion, weed introduction, and hydrologic alteration.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•									
<p>CSU-16 <i>Hydrology Features</i> BLM Surface: 16,480 acres Split-estate: 840 acres</p>	<p>STIPULATION: The CSU restrictions apply from 325 to 500 feet of the hydrology features shown below. Surface occupancy or use may be restricted on lands adjacent to perennial, intermittent, and ephemeral streams; riparian areas, fens, and/or wetlands; and water impoundments. For perennial, intermittent, and ephemeral streams, measure the extent from the ordinary high-water mark (bank-full stage); for wetland features, measure the buffer from the edge of the mapped extent. For unmapped wetlands, determine the vegetation boundary (from which the buffer originates) in the field. Surface-disturbing activities may require special engineering design, construction, and implementation measures, including relocation of operations beyond 200 meters (656 feet), from the extent of water impoundments, streams, riparian areas, and/or wetlands to protect water resources.</p> <table border="0"> <tr> <td>Water Body Type</td> <td>Buffer Width, Feet</td> </tr> <tr> <td>Fens and wetlands</td> <td>325 - 500*</td> </tr> <tr> <td>Perennial streams (with or without fish)</td> <td>325 - 500 (as measured from ordinary high water mark)</td> </tr> <tr> <td>Lotic or lentic springs and seeps</td> <td>325 - 500 (as measured from wetland vegetation edge)</td> </tr> </table>	Water Body Type	Buffer Width, Feet	Fens and wetlands	325 - 500*	Perennial streams (with or without fish)	325 - 500 (as measured from ordinary high water mark)	Lotic or lentic springs and seeps	325 - 500 (as measured from wetland vegetation edge)			•	
Water Body Type	Buffer Width, Feet												
Fens and wetlands	325 - 500*												
Perennial streams (with or without fish)	325 - 500 (as measured from ordinary high water mark)												
Lotic or lentic springs and seeps	325 - 500 (as measured from wetland vegetation edge)												

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	 <p>PURPOSE: To maintain the proper functioning condition, including the vegetative, hydrologic and geomorphic functionality of the perennial water body. Protect water quality, fish habitat, and aquatic habitat, and provide a clean, reliable source of water for downstream users. Buffers are expected to indirectly benefit migratory birds, wildlife habitat, amphibians, and other species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
	Terrestrial Wildlife				
CSU-17/SSR-18 <i>Ecological Emphasis Areas</i> Alternative B: 35,250 acres Alternative C: 24,150 acres Alternative D: 177,700 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within all or portions of ecological emphasis areas, as follows:</p> <p><u>Alternative B</u></p> <ul style="list-style-type: none"> • Adobe Zones 2-4 (29,250 acres) • Dry Creek Zone 5 (6,000 acres) <p><u>Alternative C</u></p> <ul style="list-style-type: none"> • La Sal Zones 1 and 3 (13,270 acres) • Monitor-Potter-Roubideau Zones 5-7, 10, and 11 (10,880 acres) <p><u>Alternative D</u></p> <ul style="list-style-type: none"> • Adobe Zones 1, 3 and 4 (24,170 acres) • Dry Creek Zones 1-3 (10,790 acres) • Jumbo Mountain/McDonald Creek Zones 1-4 (15,630 acres) • La Sal Zones 1-3 (22,350 acres) • Monitor-Potter-Roubideau Zones 1-11 (27,320 acres) • Naturita Canyon Zone 1 (1,510 acres) • Ridgway Zones 1 and 2 (9,070 acres) • San Miguel Zones 1-3, 5, and 7 (17,840 acres) • Sims Mesa (19,650 acres) • Spring Canyon (3,380 acres) 		•	•	•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<ul style="list-style-type: none"> • Tabeguache Zones 1, 2, 4-6, 9, and 10 (23,760 acres) • Terror Creek (2,230 acres) <p>PURPOSE: To provide protection for important ecological emphasis areas and migration corridors. Ecological emphasis areas are habitats determined by the BLM UFO to be crucial to plant and animal biodiversity and conservation at the landscape scale. Ecological emphasis areas encompass both cores and migration corridors.</p> <p>EXCEPTION, CSU-17: Standard exception applies.</p> <p>EXCEPTION, SSR-18: An exception would be provided for habitat improvement projects. Habitat improvements would be demonstrably positive for target species without being detrimental to native species populations.</p> <p>Standard MODIFICATION and WAIVER apply.</p>				
<p>CSU-18/SSR-19 <i>Desert and Rocky Mountain Bighorn Sheep Summer Range</i> BLM Surface: 39,530 acres Split-estate: 1,990 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions to reduce impacts of surface-disturbing activities and operations on bighorn sheep summer range.</p> <p>PURPOSE: To reduce impacts on crucial summer range for bighorn sheep.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		•
	Special Status Plants				
<p>CSU-19/SSR-20 <i>BLM Sensitive Plant Species</i> BLM Surface: 3,240 acres Split-estate: 200 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within 100 meters (328 feet) of BLM-sensitive plant species. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Prior to authorizing activities in this area, the operator may be required to submit a plan of development that would demonstrate that habitat would be preserved to maintain sensitive plant species.</p> <p>PURPOSE: To reduce or eliminate threats to BLM sensitive plant species to minimize the likelihood of and need for listing of these species under the ESA.</p>				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION, SSR-20: In addition to the standard exception, operations may be authorized if the BLM Authorized Officer determines that the activity would not impair values associated with the maintenance or viability of the species and would minimize or eliminate threats affecting the status of the species.</p>				
<p>CSU-20/SSR-21 <i>Plant ESA-Listed Species</i> BLM Surface: 6,330 acres Split-estate: 1,270 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted or prohibited and SSR restrictions applied within habitat for federally listed, proposed, or candidate threatened or endangered plant species, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>The lease area may now or hereafter contain habitat for plants listed as threatened or endangered or identified as candidates for listing under the ESA. An inventory of habitat may be required before drilling and construction may commence. The operator may be required to submit a plan of development that demonstrates how the proposed activities will avoid or minimize disruption of threatened and endangered species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>The BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species, result in the destruction or adverse modification of designated or proposed critical habitat, or contribute to a need to list a proposed or candidate threatened and endangered species. The BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the ESA, including completion of any required procedure for conference or consultation.</p>				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>PURPOSE: To protect federally listed, proposed, or candidate threatened or endangered plant species and habitat and to promote recovery of the species. The protection buffer reduces dust transport, weed invasion, unauthorized vehicular activities, and chemical and produced-water spills and those effects on special status plant populations. It also reduces impacts on important pollinators and their habitat.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
	Special Status Fish and Aquatic Wildlife				
<p>CSU-21/SSR-23 <i>Occupied Native Cutthroat Trout Habitat</i> BLM Surface: 52,580 acres Split-estate: 41,420 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions within 0.25-mile of occupied habitat for conservation populations (90 percent pure or greater) of native cutthroat trout.</p> <p>PURPOSE: To protect occupied habitat for a federally threatened species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		
<p>CSU-22/SSR-24 <i>Occupied Native Cutthroat Trout Habitat</i> BLM Surface: 20,270 acres Split-estate: 15,940 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions within 500 feet of occupied habitat for conservation populations (90 percent pure or greater) of native cutthroat trout.</p> <p>PURPOSE: To protect occupied habitat for a federally threatened species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	
<p>CSU-23/SSR-26 <i>Occupied Native Cutthroat Trout Habitat</i> BLM Surface: 7,010 acres Split-estate: 5,550 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions between 325 and 500 feet from occupied habitat for conservation populations (90 percent pure or greater) of native cutthroat trout.</p> <p>PURPOSE: To protect occupied habitat for a federally threatened species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Special Status Terrestrial Wildlife				
CSU-24/SSR-27 <i>Wildlife ESA-Listed Species (Wildlife and Bird Species' Occupied Habitat)</i> No Data	<p>STIPULATION: Surface occupancy or use may be restricted or prohibited within habitat for federally listed, proposed, or candidate threatened or endangered wildlife and bird species (except for Canada lynx), as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>The lease area may now or hereafter contain habitat for wildlife listed as threatened or endangered or identified as candidates for listing under the ESA. An inventory of habitat may be required before drilling and construction may commence. The operator may be required to submit a plan of development that demonstrates how the proposed activities will avoid or minimize disruption of threatened and endangered species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>The BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species, result in the destruction or adverse modification of designated or proposed critical habitat, or contribute to a need to list a proposed or candidate threatened and endangered species. The BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the ESA, including completion of any required procedure for conference or consultation.</p> <p>PURPOSE: To maintain the integrity of habitat for federally listed, proposed, or candidate threatened or endangered wildlife species and to promote recovery of the species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>MODIFICATION, SSR-27: Standard modifications apply. Also, for unavoidable habitat losses, modification of the CSU area may be issued provided the following criteria are all satisfied:</p> <ol style="list-style-type: none"> 1. Section 7 of the ESA consultation is completed and USFWS recommended conservation measures are fully applied; 2. No direct “take” of protected species occurs as a result of the action; and 3. Lost or degraded habitat is fully restored through on- or off-site mitigation, as determined by the BLM. 				
<p>CSU-25/SSR-29 <i>Wildlife ESA-Listed Species (Yellow-billed Cuckoo Habitat)</i> BLM Surface: 6,080 acres Split-estate: 1,370 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted or prohibited and SSR restrictions applied within habitat for the following federally listed, proposed, or candidate threatened or endangered wildlife species, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM: within yellow-billed cuckoo habitat. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>The lease area may now or hereafter contain habitat for wildlife listed as threatened or endangered or identified as candidates for listing under the ESA. An inventory of habitat may be required before drilling and construction may commence. The operator may be required to submit a plan of development that demonstrates how the proposed activities will avoid or minimize disruption of threatened and endangered species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>The BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species, result in the destruction or adverse modification of designated or proposed critical habitat, or contribute to a need to list a proposed or candidate threatened and endangered species. The BLM will not approve any ground-disturbing activity that may affect any</p>				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>such species or critical habitat until it completes its obligations under applicable requirements of the ESA, including completion of any required procedure for conference or consultation.</p> <p>PURPOSE: To maintain the integrity of habitat for a federal candidate species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-26/SSR-30 <i>Wildlife ESA-Listed Species (Canada Lynx Habitat)</i> BLM Surface: 3,860 acres Split-estate: 2,830 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted or prohibited and SSR restrictions applied within habitat for the following federally listed, proposed, or candidate threatened or endangered wildlife species, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM: in mapped or identified Canada lynx habitat in Lynx Analysis Units and to any activities that would negatively alter connectivity between and within Lynx Analysis Units. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>The lease area may now or hereafter contain habitat for wildlife listed as threatened or endangered or identified as candidates for listing under the ESA. An inventory of habitat may be required before drilling and construction may commence. The operator may be required to submit a plan of development that demonstrates how the proposed activities will avoid or minimize disruption of threatened and endangered species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>The BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species, result in the destruction or adverse modification of designated or proposed critical habitat, or contribute to a need to list a proposed or candidate threatened and endangered species. The BLM will not</p>		•		

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the ESA, including completion of any required procedure for conference or consultation.</p> <p>PURPOSE: To maintain the integrity of habitat for federally listed species (Canada lynx) and promote recovery of the species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-27/SSR-3 I <i>Wildlife ESA-Listed Species (Canada Lynx Habitat)</i> BLM Surface: 3,860 acres Split-estate: 2,840 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted or prohibited and SSR restrictions applied within habitat for the following federally listed, proposed, or candidate threatened or endangered wildlife species, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM: in mapped or identified Lynx Linkage Corridors and Canada lynx habitat in Lynx Analysis Units and to any activities that would negatively alter connectivity between and within Lynx Analysis Units. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>The lease area may now or hereafter contain habitat for wildlife listed as threatened or endangered or identified as candidates for listing under the ESA. An inventory of habitat may be required before drilling and construction may commence. The operator may be required to submit a plan of development that demonstrates how the proposed activities will avoid or minimize disruption of threatened and endangered species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>The BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species, result in the destruction or adverse modification of designated or proposed critical habitat, or</p>				•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>contribute to a need to list a proposed or candidate threatened and endangered species. The BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the ESA, including completion of any required procedure for conference or consultation.</p> <p>PURPOSE: To maintain the integrity of habitat for federally listed species (Canada lynx) and promote recovery of the species.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-28/SSR-33 <i>Gunnison Sage-grouse Breeding (Non-lek) Habitat</i> BLM Surface: 14,700 acres Split-estate: 14,930 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied in suitable habitat that is within 4.0 miles of an active Gunnison sage-grouse lek or within mapped Gunnison sage-grouse nesting and early brood-rearing habitat. To the degree possible, avoid construction of permanent structures or facilities.</p> <p>PURPOSE: To protect Gunnison sage-grouse non-lek breeding habitats and activities including nesting, brood-rearing, and summer-fall habitats.</p> <p>EXCEPTION, CSU-28: Standard exception would apply.</p> <p>EXCEPTION, SSR-33: An exception would be provided for habitat treatments designed to benefit Gunnison sage-grouse and minimally disturbing structures (e.g., fences and nonmotorized trails) provided they fully comply with the disturbance guidelines in Appendix I of the Gunnison Sage-grouse Rangewide Conservation Plan (Gunnison Sage-grouse Rangewide Steering Committee 2005).</p> <p>Standard MODIFICATION and WAIVER apply.</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>CSU-29/SSR-34 <i>Gunnison Sage-grouse Breeding (Non-lek) Habitat</i> BLM Surface: 14,700 acres Split-estate: 14,930 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied in suitable habitat that is within 4.0 miles of a Gunnison sage-grouse lek to protect Gunnison sage-grouse mapped seasonal habitats (non-lek breeding, late brood-rearing, and winter habitat) or suitable sagebrush habitat. Conservation measures may be imposed as necessary to maintain high-quality Gunnison sage-grouse habitat, reduce fragmentation or loss of habitat within or between population areas, reduce cumulative effects within population areas, and reduce disturbance to Gunnison sage-grouse use in the area.</p> <p>PURPOSE: Maintain the integrity of important Gunnison sage-grouse habitat to maintain sustainable local populations.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
<p>CSU-30/SSR-35 <i>Raptor Breeding Habitat</i> BLM Surface: 40,910 acres Split-estate: 8,900 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions within the following areas:</p> <ul style="list-style-type: none"> • Special Status Raptors (including Mexican spotted owl): within 1.0 mile of nest sites. • Non-Special Status Raptors (except American kestrel): within 0.5-mile of nest sites. <p>PURPOSE: To protect special status raptor nests and surrounding habitat components, structure, and integrity. To comply with the Migratory Bird Treaty Act.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		
<p>CSU-31 <i>Raptor Nest Sites</i> BLM Surface: 2,510 acres Split-estate: 270 acres</p>	<p>STIPULATION:</p> <p><u>Special Status Raptors:</u> Apply CSU restrictions within the following areas:</p> <ul style="list-style-type: none"> • Bald Eagle: Within 0.25-mile of bald eagle roost or nest sites. • Raptors (golden eagle, osprey, accipiters, falcons [except kestrel], buteos, and owls): within 0.125-mile of nest sites; • Peregrine Falcons: within 0.25-mile of cliff nesting complex. <p><u>Non-Special Status Raptors identified in the Migratory Bird Treaty Act (except American kestrel, red-tailed hawk, and great-horned owl):</u> Apply CSU restrictions within 330 feet of</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>active nest sites and associated alternate nests.</p> <p>PURPOSE: To protect special status raptor nests and surrounding habitat components and structure. To comply with the Migratory Bird Treaty Act.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-32/SSR-37 <i>Raptor Breeding Habitat (Accipiters, Falcons [Except Kestrel], Buteos, and Owls [Except Mexican Spotted Owl])</i></p> <p>BLM Surface: 21,790 acres</p> <p>Split-estate: 6,750 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions within 1.0-mile of nest sites.</p> <p>PURPOSE: To protect special status raptor nests and surrounding habitat components, structure, and integrity. To comply with the Migratory Bird Treaty Act.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
<p>CSU-33/SSR-39 <i>Bald Eagle Habitat (Winter Concentration and Communal Roosts)</i></p> <p>BLM Surface: 10,180 acres</p> <p>Split-estate: 1,720 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions within bald eagle habitat to protect winter concentration areas and communal roost sites. Incorporate applicable conservation measures from the USFWS National Bald Eagle Management Guidelines.</p> <p>PURPOSE: Maintain long-term availability of suitable bald eagle habitat.</p> <p>EXCEPTION, CSU-33: Standard exception applies.</p> <p>EXCEPTION, SSR-39: The BLM UFO Field Manager may grant an exception to this stipulation if an environmental analysis indicates that the proposed or conditioned activities would not affect the long term suitability or utility of habitat features or diminish opportunities for natural floodplain functions. Surface disturbance and occupation may also be authorized in the event that established impacts on habitat values would be compensated or offset to the satisfaction of the BLM.</p> <p>Standard MODIFICATION and WAIVER apply.</p>		•		•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>CSU-34/SSR-40 <i>Mexican Spotted Owl Suitable Breeding Habitat</i> No Data</p>	<p>STIPULATION: Apply CSU/SSR restrictions to Mexican spotted owl breeding habitat as defined in the Mexican spotted owl recovery plan. Manage in accordance with the current Mexican spotted owl recovery plan. The BLM UFO Field Manager may require the proponent/applicant to submit a plan of development that would demonstrate that impacts on Mexican spotted owl habitat have been avoided to the extent practicable.</p> <p>PURPOSE: To avoid impacts on habitat and maintain the availability of suitable breeding and brood rearing habitat as defined in the Mexican Spotted Owl recovery plan to promote recovery.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
<p>CSU-35/SSR-42 <i>Wildlife BLM Sensitive Species (Gunnison and White-tailed Prairie Dogs)</i> BLM Surface: 6,480 acres Split-estate: 710 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within habitat for the following BLM sensitive wildlife species: within 150 feet of active Gunnison and white-tailed prairie dog towns. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. The operator may be required to submit a plan of development that reduces or eliminates threats to BLM identified sensitive species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>PURPOSE: To reduce or eliminate threats to BLM sensitive wildlife species to minimize the likelihood of and need for listing under the ESA.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
<p>CSU-36/SSR-43 <i>Wildlife BLM Sensitive Species (Active Kit Fox Dens)</i> No Data</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within habitat for the following BLM sensitive wildlife species: within 0.25-mile of active kit fox dens. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. The operator may be required to submit a plan of development</p>		•		

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>that reduces or eliminates threats to BLM identified sensitive species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>PURPOSE: To reduce or eliminate threats to BLM sensitive wildlife species to minimize the likelihood of and need for listing under the ESA.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-37/SSR-44 Wildlife BLM Sensitive Species (Active Kit Fox Dens) No Data</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within habitat for the following BLM sensitive wildlife species: within 200 meters (656 feet) of active kit fox dens. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. The operator may be required to submit a plan of development that reduces or eliminates threats to BLM identified sensitive species by siting or prioritizing vegetation clearing, facility construction, and concentrated operational activities (e.g., drilling, completion, and utility installation).</p> <p>PURPOSE: To reduce or eliminate threats to BLM sensitive wildlife species to minimize the likelihood of and need for listing under the ESA.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
<p>CSU-38/SSR-45 Wildlife Bat: Bat Roost Sites and Winter Hibernacula BLM Surface: 2,900 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within 0.25-mile radius of the entrance of maternity roosts or hibernacula of federally listed, BLM sensitive, and Colorado State Species of Concern bat species', as mapped in the BLM's GIS database or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM.</p> <p>PURPOSE: To protect bat populations and crucial habitats.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	

Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
CSU-39/SSR-47 Wildlife Bat: Bat Roost Sites and Winter Hibernacula (Colorado State Species of Concern) BLM Surface: 2,900 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within 0.25-mile radius of the entrance of maternity roosts or hibernacula of Colorado State Species of Concern bat species, as mapped in the BLM’s GIS database or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM.</p> <p>PURPOSE: Protection of known sensitive bat species’ maternity roosts and hibernacula.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
CSU-10/SSR-10 Hydrology River BLM Surface: 26,990 acres Split-estate: 1,060 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions may be applied within 402 meters (1,320 feet) of the ordinary high-water mark (bank-full stage) or within 100 meters (328 feet) of the 100-year floodplain (whichever area is greatest) on the following major rivers: Gunnison, North Fork Gunnison, San Miguel, Uncompahgre, and Dolores Rivers.</p> <p>PURPOSE: To protect river corridors that provide: a) water quality/filtering values; b) important riparian values; c) special status fish and wildlife species habitat; d) waterfowl and shorebird production values; e) valuable amphibian habitat; and f) high scenic and recreation values of these major rivers.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	
	Cultural Resources				
CSU-40/SSR-48 Allocation to Traditional Use No Data	<p>STIPULATION: Apply CSU/SSR restrictions within 200 meters (656 feet) around eligible or potentially eligible sites allocated to Traditional Use. In addition, consider visual impacts that projects may have on sites allocated to this use, and apply appropriate mitigation, which may include redesign.</p> <p>PURPOSE: For the protection of traditional cultural uses, values and resources.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
CSU-41/SSR-50 <i>Tabeguache Pueblos Area and Tabeguache Canyon</i> BLM Surface: 21,110 acres	STIPULATION: Apply CSU/SSR restrictions within the Tabeguache Pueblos area and Tabeguache Canyon. PURPOSE: For the protection of cultural resource values. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•
CSU-42/SSR-51 <i>Sites Listed on the National or State Register of Historic Places</i> BLM Surface: 480 acres	STIPULATION: Apply CSU/SSR restrictions within 100 meters (328 feet) of sites listed on the National or State Registers of Historic Places. PURPOSE: For the protection of cultural resource values. Standard EXCEPTION, MODIFICATION, and WAIVER apply.			•	
CSU-43/SSR-53 <i>Cultural</i> No Data	STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied due to historic properties and/or resources protected under the National Historic Preservation Act, American Indian Religious Freedom Act, Native American Graves Protection and Repatriation Act, Executive Order 13007, or other statutes and executive orders. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. This lease or project area may be found to contain historic properties and/or resources protected under the National Historic Preservation Act, American Indian Religious Freedom Act, Native American Graves Protection and Repatriation Act, Executive Order 13007, or other statutes and executive orders. The BLM will not approve any ground-disturbing activities that may affect any such properties or resources until it completes its obligations (e.g., State Historic Preservation Office and tribal consultation) under applicable requirements of the National Historic Preservation Act and other authorities. The BLM may require modification to exploration or development proposals to protect such properties, or disapprove any activity that is likely to result in adverse effects that cannot be successfully avoided, minimized, or mitigated.		•		•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>PURPOSE: To protect cultural resource sites that may be damaged from inadvertent, unauthorized, or authorized uses.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				
<p>CSU-44/SSR-54 <i>Area of Archaeological Significance</i> BLM Surface: 31,870 acres</p>	<p>STIPULATION: Apply CSU/SSR restrictions to emphasize site avoidance and project redesign during development in the area of the Lower Uncompahgre Plateau between the Dry Creek Basin and Roubideau Creek.</p> <p>PURPOSE: For the protection of cultural resource values.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
	Paleontological Resources				
<p>CSU-45 <i>Paleontological</i></p>	<p>STIPULATION: Surface occupancy or use may be restricted due to paleontological resources. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. An inventory of paleontological resources may be required before construction and drilling may commence. The BLM Authorized Officer may require that a qualified paleontologist be present to monitor operations during surface disturbing activities.</p> <p>PURPOSE: To protect scientific information that may be damaged from inadvertent or authorized uses.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		•
	Visual Resources				
<p>CSU-46/SSR-55 <i>Visual: VRM Class II and III</i> BLM Surface: 598,500 acres Split-estate: 223,000 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied in VRM Class II and III areas. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>PURPOSE: To manage lands in a manner to protect the quality of the scenic (visual) values.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
CSU-47 Vistas No Data	<p>STIPULATION: Apply CSU restrictions to BLM and split-estate lands visible from important vistas and travel corridors:</p> <ul style="list-style-type: none"> • Jumbo Mountain • Youngs Peak • “H” Hill • Flanks of the West Elks • Needle Rock ACEC • Beyond 1.0 mile of: <ul style="list-style-type: none"> ○ West Elk Scenic Byway (Colorado Highways 92 and 133 and Gunnison County Road 12) ○ 3100 Road ○ North Road ○ Crawford Road ○ Back River Road <p>PURPOSE: To protect the visual features visible from scenic corridors and viewpoints.</p> <p>EXCEPTION, MODIFICATION, and WAIVER: None; no exceptions, modifications, or waivers would be allowed.</p>		B.1		
	Coal				
CSU-CO-25 (BLM 1991a) Federally Leased Coal BLM Surface: 6,560 acres Split-estate: 11,110 acres	<p>STIPULATION: Where oil and gas operations are proposed within the area of federally leased coal, relocate them outside the area to be mined or so as to accommodate room and pillar mining operations.</p> <p>PURPOSE: To protect (1) the coal resource; (2) the mine workings used to access and extract the coal resource; and (3) the safety of the miners.</p> <p>WAIVER: This stipulation may be waived without a plan amendment if the lessee agrees that the drilling of a well will be subject to the following conditions: (1)(a) well must be plugged when the mind approaches within 500 feet of the well and re-entered or re-drilled upon completion of the mining operation; (b) well must be plugged in accordance with Mine Safety and Health Administration (formerly Mine Enforcement and Safety Administration) Informational Report 1052; (c) operator will provide accurate location of where the casing intercepts the coal by providing a coal</p>	•			

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	operator will provide accurate location of where the casing intercepts the coal by providing a directional and deviation survey of the well to the coal operator; or (2) relocate will into a permanent pillar or outside the area to be mined. A suspension of operations and production will be considered when the well is plugged and a new well is to be drilled after mining operations move through the location. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				
CSU-48 <i>Geology: Coal Mine</i> BLM Surface: 6,560 acres Split-estate: 11,110 acres	STIPULATION: Surface occupancy or use may be restricted due to surface or underground coal mines. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. Operations proposed within the area of an approved surface or underground coal mine will be relocated outside the area to be mined or to accommodate room and pillar and long wall mining operations. This stipulation does not apply to operations that capture or pipe methane from a mine for beneficial use. PURPOSE: To protect surface or underground coal mines. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•	•	•
	Fluid Minerals				
CSU-49 <i>Recreation Park</i> BLM Surface: 9,220 acres Split-estate: 7,270 acres	STIPULATION: Surface occupancy or use may be restricted where the BLM holds the fluid mineral rights under the following areas: <ul style="list-style-type: none"> • Curecanti National Recreation Area • State parks • State wildlife areas Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required. PURPOSE: Protect high-value wildlife habitat and recreation values associated with designated National Recreation Areas, State Parks and Wildlife Areas. Standard EXCEPTION, MODIFICATION, and WAIVER apply.			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Recreation and Visitor Services				
CSU-50 <i>Recreation SRMAs</i> BLM Surface: 44,020 acres	<p>STIPULATION: Apply CSU restrictions in the following SRMAs:</p> <ul style="list-style-type: none"> • Dry Creek RMZs 1 and 3 • San Miguel River RMZ 4 <p>PURPOSE: To protect recreation outcomes and setting prescriptions.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
CSU-51 <i>Recreation ERMAs</i> BLM Surface: 73,310 acres	<p>STIPULATION: Apply CSU restrictions in ERMAs.</p> <ul style="list-style-type: none"> • Burn Canyon • Kinikin Hills • North Delta • Paradox Valley <p>PURPOSE: To avoid negative impacts on targeted recreational opportunities.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
	Areas of Critical Environmental Concern				
CSU-52/SSR-57 <i>Special Designation ACEC</i> BLM Surface: 29,360 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied in the following ACECs:</p> <ul style="list-style-type: none"> • Adobe Badlands (6,370 acres) • Fairview South (210 acres) • San Miguel River (22,780 acres) <p>PURPOSE: To protect the relevant and important values of each ACEC.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Wild and Scenic Rivers				
CSU-53/SSR-60 <i>Special Designation WSR ("Scenic" or "Recreational")</i> BLM Surface: 32,050 acres Split-estate: 1,800 acres	<p>STIPULATION: Surface occupancy or use may be restricted and SSR restrictions applied within the WSR study corridors, as defined in the Uncompahgre Wild and Scenic River Suitability Report (Appendix P) of segments determined to have the classification of "scenic" or "recreational:"</p> <ul style="list-style-type: none"> • Gunnison River Segment 2 • Roubideau Creek Segment 2 • Deep Creek • West Fork Terror Creek • Beaver Creek • Naturita Creek • San Miguel River Segment 1 • San Miguel River Segment 3 • San Miguel River Segment 5 • San Miguel River Segment 6 • Tabeguache Creek Segment 2 • Lower Dolores River • North Fork Mesa Creek • Dolores River Segment 1b • Dolores River Segment 2 • Ice Lake Creek Segment 2 • La Sal Creek Segment 1 • La Sal Creek Segment 2 • Lion Creek Segment 2 • Spring Creek <p>PURPOSE: To protect WSR outstandingly remarkable values, free-flowing nature, and water quality of eligible or suitable river segments and their consequent recreational, social, economic, and environmental significance.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
CSU-54 <i>Special Designation WSR ("Recreational")</i> BLM Surface: 22,660 acres Split-estate: 440 acres	<p>STIPULATION: Surface occupancy or use may be restricted within the WSR study corridor, as defined in the Uncompahgre Wild and Scenic River Suitability Report (Appendix P), of the following segments determined to have the classification of "recreational:"</p> <ul style="list-style-type: none"> • Beaver Creek • San Miguel River Segment 1 • San Miguel River Segment 3 • San Miguel River Segment 5 • San Miguel River Segment 6 • Dolores River Segment 2 • La Sal Creek Segment 2 <p>PURPOSE: To protect WSR outstandingly remarkable values, free-flowing nature, and water quality of eligible or suitable river segments and their consequent recreational, social, economic, and environmental significance.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
National Trails and Byways					
CSU-55 <i>Special Designation Trail (Old Spanish National Historic Trail)</i> BLM Surface: 62,220 acres	<p>STIPULATION: Surface occupancy or use may be restricted from 805 to 8,047 meters (0.50- to 5.0 miles) of the centerline of the following: Old Spanish National Historic Trail. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>PURPOSE: To protect the physical evidence of the trail, associated cultural and historic resources, and integrity of the viewshed associated with the trail.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		•

**Table B-3
Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>CSU-56 <i>Special Designation Trail (Old Spanish National Historic Trail)</i> BLM Surface: 67,430 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted from 50 to 8,047 meters (164 feet to 5 miles) of the centerline of the following: Old Spanish National Historic Trail. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required.</p> <p>PURPOSE: To protect the physical evidence of the trail, associated cultural and historic resources, and integrity of the viewshed associated with the trail.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>			•	
<p>CSU-57 <i>Scenic Byways</i> BLM Surface: 16,390 acres Split-estate: 6,010 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted within 402 meters (0.25-mile) of designated scenic byways. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required to protect the scenic (visual) values.</p> <p>PURPOSE: To protect scenic views in driving corridors.</p> <p>EXCEPTION: An exception could be granted if: (a) a viewshed analysis indicates no impairment of the visual resources from the driving corridor; or (b) the action is determined to be consistent and compatible with protection or enhancement of the resource values, or the use would provide suitable opportunities for public enjoyment of these resources.</p> <p>Standard MODIFICATION and WAIVER apply.</p>			•	
<p>CSU-58 <i>Special Designation Byway (Scenic Byways)</i> BLM Surface: 34,680 acres Split-estate: 12,440 acres</p>	<p>STIPULATION: Surface occupancy or use may be restricted within 805 meters (0.50-mile) of designated scenic byways. Special design, construction, and implementation measures, including relocation of operations by more than 200 meters (656 feet), may be required to protect the scenic (visual) values.</p> <p>PURPOSE: To protect the quality of the scenic (visual) values of scenic, historic, or backcountry byways.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•

¹The sum of acres with CSU stipulations in this table may add up to more than the total acres with CSU stipulations presented in Chapter 2, as some areas may overlap.

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Soils and Water				
TL-UB-1 (BLM 1989a) Highly Erodible and/or Saline Soil Areas BLM Surface: 28,670 acres Split-estate: 4,940 acres	<p>STIPULATION: Prohibit surface-disturbing activities from March 1 to May 31 when saturated soils are most vulnerable to damage.</p> <p>PURPOSE: To protect watersheds from salinity infusions and to protect highly erodible soil areas where low soil productivity would prolong or disallow revegetation.</p> <p>EXCEPTION: This stipulation may be waived, excepted, or modified by the BLM Authorized Officer if the lessee can demonstrate that operations can be conducted without causing unacceptable impacts on salinity and highly erodible soil areas. The stipulation will not be waived, excepted, or modified if it is determined that the activity would cause accelerated erosion that would result in excessive amounts of salinity being contributed to the Colorado River. Variances could be allowed if soils are not saturated during the typical high soil moisture period when these soils are most susceptible to damage (March 1 through May 31), or if impacts could not be mitigated, or if site-specific conditions do not warrant the stipulation (e.g., small amount of disturbance or short duration of operations).</p> <p>Resource information for split-estate lands has not been verified by the BLM. Verification will occur during a review of Applications for Permit to Drill (APDs). On-site inspection and consultation with the surface owner and operator may reveal that (1) the impacts addressed by the stipulation will be avoided or mitigated to an acceptable level, or (2) the resources of concern are not present. Upon either of these determinations by the BLM Authorized Officer, the stipulations can be waived, modified, or excepted without public notice other than that provided for the APD. If, after on-site inspection and consultation with the private surface landowner, it is determined by the BLM Authorized Officer that conditions necessary to avoid impacts on private resources addressed by these stipulations, the impacts will be assessed. If, based upon such assessment, the BLM Authorized Officer makes a decision to substantially change one or more stipulations, a 30-day public review period will be provided in</p>	•			

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	addition to the public notice period for receipt of the APD. (These two 30-day notice and review periods may overlap.) Standard MODIFICATION and WAIVER apply.				
TL-1 <i>Saturated Soils</i> BLM Surface: 675,800 acres	STIPULATION: Prohibit surface occupancy and surface-disturbing activities in areas where soils are saturated or that demonstrate rutting of 2 inches or more. The BLM Authorized Officer would determine when soil conditions are appropriate for activities to resume. PURPOSE: To maintain site stability, soil productivity, prevent accelerated erosion, and increase reclamation success. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
TL-2 <i>Saturated Soils</i> BLM Surface: 675,800 acres	STIPULATION: Prohibit surface occupancy and surface-disturbing activities in areas where soils are saturated or that demonstrate rutting of 3 inches or more. The BLM Authorized Officer would determine when soil conditions are appropriate for activities to resume. PURPOSE: To maintain site stability, soil productivity, prevent accelerated erosion, and increase reclamation success. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•
	Fish and Aquatic Wildlife				
TL-3 <i>Wildlife Native and Sport</i> BLM Surface: 4,170 acres Split-estate: 2,030 acres	STIPULATION: Prohibit in-stream channel work within occupied fisheries, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, during the following periods: <ul style="list-style-type: none"> • Spring spawning period: April 1 to August 1 (rainbow trout, cutthroat trout, and native warm water fish [flannelmouth sucker, bluehead sucker, and roundtail chub]), and Paiute and mottled sculpin • Fall spawning period: October 1 to November 30 (brown and brook trout) PURPOSE: To protect redds (egg masses) in the gravel and emerging fry.		•		

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Standard EXCEPTION, MODIFICATION, and WAIVER apply.				
TL-4 <i>Wildlife Coldwater Sport Fish</i> BLM Surface: 4,170 acres Split-estate: 2,030 acres	STIPULATION: Prohibit in-stream channel work within occupied fisheries, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, during the following period: <ul style="list-style-type: none"> • Spring spawning period: April 1 to June 15 (rainbow and cutthroat trout) • Fall spawning period: October 1 to November 30 (brown and brook trout) PURPOSE: To protect redds (egg masses) in the gravel and emerging fry. Standard EXCEPTION, MODIFICATION, and WAIVER apply. EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for the following: <ul style="list-style-type: none"> • In-channel restoration or enhancement work designed to improve stream habitat conditions • Riparian plantings • Temporary disturbances of less than 0.1-acre with appropriate BMPs 			•	
TL-5 <i>Wildlife Coldwater Sport Fish</i> BLM Surface: 4,170 acres Split-estate: 2,030 acres	STIPULATION: Prohibit in-stream channel work within occupied fisheries, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, during the following period: <ul style="list-style-type: none"> • Spring spawning period: April 1 to July 15 (native cutthroat trout, rainbow trout, and native warm water fish [flannemouth sucker, bluehead sucker, and roundtail chub]) PURPOSE: To protect redds (egg masses) in the gravel and emerging fry. Standard EXCEPTION, MODIFICATION, and WAIVER apply.			•	

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for the following:</p> <ul style="list-style-type: none"> • In-channel restoration or enhancement work designed to improve stream habitat conditions • Riparian plantings • Temporary disturbances of less than 0.1-acre with appropriate BMPs 				
	Terrestrial Wildlife				
<p>TL-CO-9 (BLM 1991a)</p> <p>Big Game Species (Mule Deer, Elk, Pronghorn Antelope, and Bighorn Sheep)</p> <p>BLM Surface: 267,480 acres</p> <p>Split-estate: 15,880 acres</p>	<p>STIPULATION: Prohibit surface-occupancy in big game crucial winter habitat (now termed “severe and winter concentration areas”), including severe big game winter range or other definable winter ranges as mapped by the CPW, from December 1 to April 30.</p> <p>PURPOSE: To protect big game during severe winter periods.</p> <p>EXCEPTION: Under mild winter conditions, the last 60 days of the seasonal limitation period may be suspended. Determine severity of the winter on the basis of snow depth, snow crusting, daily mean temperature, and whether the animals were concentrated on the crucial winter range during winter months. This limitation may or may not apply to work requiring a Sundry Notice pending environmental analysis of any operational or production aspects.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			
<p>TL-6</p> <p>Wildlife Big Game Winter</p> <p>BLM Surface: 495,360 acres</p> <p>Split-estate: 94,890 acres</p>	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities during the following time period(s) in big game crucial winter habitat, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM: Crucial winter range, severe winter range, and winter concentration areas.</p> <ul style="list-style-type: none"> • Elk mule deer, and pronghorn antelope: December 1 to April 30 • Moose: November 15 to May 30 • Rocky Mountain and desert bighorn sheep: November 1 to April 30. 	•			

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>Note that some travel closures and restrictions may also apply in specific geographic areas.</p> <p>PURPOSE: To reduce disruption of big game during the winter season in crucial winter habitat.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION: The following are additional exceptions to this stipulation for non-fluid mineral activities:</p> <ul style="list-style-type: none"> • CPW-mapped “winter range”, which is fairly extensive and comprises a considerable proportion of the resource area. • Under certain circumstances, habitat improvement projects (e.g., early spring and late fall fuel treatments), provided improvements are demonstrably positive for target species without being detrimental to wildlife communities. <p>Other factors to consider for exceptions:</p> <ul style="list-style-type: none"> • Winter conditions (such as snow cover and crusting) at the project site and vicinity • Predictable, short-term (1 week) storm forecasts for the project area • Period of winter in which the exception is requested (e.g., early winter or late winter) • Project site location relative to the size and spatial arrangement of crucial winter range, open roads and trails, and other background or historical disturbance • Length of time that activities would encroach on the period of the winter range stipulation • Number of vehicle trips per day in and out of the work site • Time of day that activity occurs (after dark is generally prohibited) • Actual big game use of the area and herd status/ activities; • Cumulative impacts on big game (such as other activities in the area) • Any other site-specific or general concerns, as appropriate 				

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-7 <i>Wildlife Big Game Winter</i> BLM Surface: 493,960 acres Split-estate: 94,880 acres	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities during the following time period(s) in big game crucial winter habitat, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM: crucial winter range, severe winter range, and winter concentration areas.</p> <ul style="list-style-type: none"> • Elk and mule deer: January 1 to March 31 <p>PURPOSE: To reduce disruption of big game during the winter season in crucial winter habitat.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for the following:</p> <ul style="list-style-type: none"> • CPW-mapped “winter range”, which is fairly extensive and comprises a considerable proportion of the resource area • Under certain circumstances, habitat improvement projects (e.g., early spring and late fall fuel treatments), provided improvements are demonstrably positive for target species without being detrimental to wildlife communities <p>Other factors to consider for exceptions:</p> <ul style="list-style-type: none"> • Winter conditions (such as snow cover and crusting) at the project site and vicinity • Predictable, short-term (1 week) storm forecasts for the project area • Period of winter in which the exception is requested (e.g., early winter or late winter) • Project site location relative to the size and spatial arrangement of crucial winter range, open roads and trails, and other background or historical disturbance • Length of time that activities would encroach on the period of the winter range stipulation • Number of vehicle trips per day in and out of the work site; • Time of day that activity occurs (after dark is generally prohibited) 			•	

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<ul style="list-style-type: none"> • Actual big game use of the area and herd status/ activities; • Cumulative impacts on big game (such as other activities in the area) • Any other site-specific or general concerns, as appropriate 				
TL-8 <i>Wildlife Big Game Winter</i> BLM Surface: 495,350 acres Split-estate: 94,890 acres	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities during the following time period(s) in big game crucial winter habitat, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM: crucial winter range, severe winter range and winter concentration areas.</p> <ul style="list-style-type: none"> • Elk, mule deer, pronghorn antelope, and moose: December 1 to April 30 • Rocky Mountain and desert bighorn sheep: November 1 to April 30 <p>PURPOSE: To reduce disruption of big game during the winter season in crucial winter habitat.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>MODIFICATION (additional): The BLM UFO Field Manager may modify the size and time frames of this stipulation if CPW monitoring information indicates that current animal use patterns are inconsistent with dates established for animal occupation, or under mild winter conditions for the last 60 days of the closure. Determine severity of the winter on the basis of snow depth, snow crusting, daily mean temperatures, and whether animals were concentrated on the winter range during the winter months. Modifications could be authorized if the proposed action could be conditioned so as not to interfere with critical habitat function or compromise animal condition. A modification may also be approved if the proponent, BLM, and CPW agree to compensation that satisfactorily offset detrimental impacts on big game winter range or its use, or an agreement can be reached where by a Colorado Oil and Gas Conservation Commission wildlife mitigation plan can be accommodated consistent with established RMP objectives and decisions.</p>				•

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>TL (BLM 1989a; 1991a) <i>Big Game Birthing Areas (by Species)</i> BLM Surface: 4,510 acres Split-estate: 8,200 acres</p>	<p>STIPULATION: Restrict surface-disturbing activities in the following areas:</p> <ul style="list-style-type: none"> • Elk calving (now termed “production”): April 16 to June 30 (Stipulation: TL-CO-10 and TL-UB-05) • Pronghorn antelope fawning: May 1 to July 15 (Stipulation: TL-CO-11) • Rocky Mountain bighorn sheep lambing: May 1 to July 15 (Stipulation: TL-CO-12) • Desert bighorn sheep lambing: March 16 to May 30 (Stipulation: TL-CO-14) <p>PURPOSE: To protect important seasonal reproduction areas for big game, to minimize disturbance of animals during birthing and rearing periods.</p> <p>EXCEPTION: When it is determined through a site-specific environmental analysis that specific actions would not interfere with critical habitat function or compromise animal condition within the project vicinity, the restriction may be altered or removed.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			
<p>TL-9 <i>Wildlife Big Game Production</i> BLM Surface: 3,020 acres Split-estate: 8,200 acres</p>	<p>STIPULATION Prohibit surface use and surface-disturbing and disruptive activities during the following time period(s) in big game production areas, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM:</p> <ul style="list-style-type: none"> • Elk: May 15 to June 30 • Pronghorn antelope: May 1 to July 15 • Rocky Mountain bighorn sheep: <ul style="list-style-type: none"> ○ May 1 to July 15 for lambing range ○ October 15 to December 15 for rutting grounds. • Desert bighorn sheep: <ul style="list-style-type: none"> ○ March 15 to June 15 for lambing range ○ August 1 to September 30 for rutting grounds • Moose: May 15 to July 15 <p>Note that some travel closures and restrictions may also apply in specific geographic areas.</p>		•		

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>PURPOSE: To reduce disruption of big game during the parturition and young-rearing period.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for the following:</p> <ul style="list-style-type: none"> • Project site location relative to the size and spatial arrangement of reproduction range, open roads and trails, and other background or historical disturbance • Length of time that activities would encroach on the period of the restriction period • Number of vehicle trips per day in and out of the work site • Time of day that activity occurs (after dark is generally prohibited) • Actual big game use of the area and herd status/ activities • Cumulative impacts on big game (such as other activities in the area) • Any other site-specific or general concerns, as appropriate 				
<p>TL-10 <i>Wildlife Big Game Production</i> BLM Surface: 3,020 acres Split-estate: 8,200 acres</p>	<p>STIPULATION: Prohibit surface use and surface-disturbing activities during the following time period in big game production areas, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM:</p> <ul style="list-style-type: none"> • Elk: May 15 to June 15 <p>PURPOSE: To reduce disruption of big game during the parturition and young-rearing period.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for the following:</p> <ul style="list-style-type: none"> • Project site location relative to the size and spatial arrangement of reproduction range, open roads and trails, and other background or historical disturbance 			•	

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<ul style="list-style-type: none"> • Length of time that activities would encroach on the period of the restriction period • Number of vehicle trips per day in and out of the work site; • Time of day that activity occurs (after dark is generally prohibited) • Actual big game use of the area and herd status/ activities • Cumulative impacts on big game (such as other activities in the area) • Any other site-specific or general concerns, as appropriate 				
TL-II <i>Wildlife Big Game Production</i> BLM Surface: 3,020 acres Split-estate: 8,200 acres	<p>STIPULATION: Prohibit surface occupancy and surface-disturbing and disruptive activities in mapped big game production areas as follows:</p> <ul style="list-style-type: none"> • Elk, pronghorn antelope, Rocky Mountain bighorn sheep, and moose: April 15 to June 30 • Desert bighorn sheep: February 1 to May 1. <p>PURPOSE: To reduce disruption of big game during the parturition and young rearing period.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>MODIFICATION for Non-Fluid Mineral Activities: In addition to the standard modification, the BLM UFO Field Manager may modify the size and time frames of this stipulation if CPW monitoring information indicates that current animal use patterns are inconsistent with dates established for animal occupation. Modifications could be authorized if the proposed action could be conditioned so as not to interfere with critical habitat function or compromise animal condition. A modification may also be approved if the proponent, BLM, and CPW agree to compensation that satisfactorily offset detrimental impacts on big game production or habitat condition, or an agreement can be reached where by a Colorado Oil and Gas Conservation Commission wildlife mitigation plan can be accommodated consistent with established RMP objectives and decisions.</p>				•

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-12 Wildlife Turkey BLM Surface: 18,030 acres Split-estate: 8,640 acres	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities within wild turkey habitat, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, during the following time period):</p> <ul style="list-style-type: none"> • Wild turkey winter habitat from December 1 to April 1 <p>PURPOSE: To prevent disruption of wild turkeys during crucial periods.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		•
TL-13 Wildlife Migratory Bird BLM Surface: 675,800 acres Split-estate: 240,230 acres	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities, including vegetation-altering projects, on lands where nesting migratory birds are present, during the following time period: April 1 to July 15.</p> <p>PURPOSE: To minimize disruption of migratory bird nesting activity.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for small-scale actions that disturb less than 5 acres of priority habitat. Under certain circumstances, an exception would be provided for habitat-improvement projects. Habitat improvements would be demonstrably positive for target species without being detrimental to migratory bird communities.</p> <p>MODIFICATION for Non-Fluid Mineral Activities: In addition to the standard modification, this stipulation may be modified if surveys are conducted during the breeding season by qualified wildlife biologists and no active nests of priority species are found; then activities may continue.</p>		•		•

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	Special Status Terrestrial Wildlife				
TL-14 <i>Yellow-billed Cuckoo Habitat</i> BLM Surface: 41,180 acres Split-estate: 9,880 acres	STIPULATION: Prohibit surface occupancy and surface-disturbing activities within 100 meters (328 feet) of yellow-billed cuckoo habitat within riparian areas from May 15 to August 5. PURPOSE: To protect occupied habitat for a federal candidate species. Standard EXCEPTION, MODIFICATION, and WAIVER apply.			•	
TL-CO-15 (BLM 1991a) <i>Grouse</i> BLM Surface: 180 acres Split-estate: 4,980 acres	STIPULATION: Prohibit surface occupancy and surface-disturbing activities in grouse (sage-grouse and mountain sharp-tailed grouse) crucial winter habitat (now termed “severe and winter concentration areas”) from December 16 to March 15. PURPOSE: Prevent disruption of sage-grouse and mountain sharp-tailed grouse during the winter period. Standard EXCEPTION, MODIFICATION, and WAIVER apply.	•			
TL-15 <i>Gunnison Sage-grouse Winter Habitat</i> BLM Surface: 180 acres Split-estate: 4,970 acres	STIPULATION: Prohibit surface occupancy and surface-disturbing and disruptive activities within occupied winter habitat for Gunnison sage-grouse from October 1 to March 15. If winter habitats are not mapped or identified, this stipulation would apply to the entire area within 6.0 miles of leks (courtship areas). PURPOSE: Prevent disruption of Gunnison sage-grouse during the winter period. EXCEPTION: The BLM UFO Field Manager may grant an exception if an environmental analysis and coordination with CPW indicate that the proposed action could be conditioned so as not adversely affect winter distribution and survival. An exception could also be granted if the proponent, BLM, and CPW negotiate compensation that would satisfactorily offset the anticipated losses of winter habitat or overwintering activities. Actions designed to enhance the long term utility or availability of suitable winter habitat may be excepted.		•		

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>MODIFICATION: The BLM UFO Field Manager may modify the size of the timing limitation area if an environmental analysis indicates that the proposed action could be conditioned so as not to adversely affect winter distribution or survival. The BLM UFO Field Manager may modify the size of the timing limitation area if an environmental analysis indicates that the proposed action could be conditioned so as not to adversely affect winter distribution or survival.</p> <p>WAIVER: The BLM UFO Field Manager may grant a waiver if CPW determines that the described lands are incapable of serving the long term requirements of sage- grouse winter habitat and that these ranges no longer warrant consideration as components of sage-grouse winter habitat.</p>				
<p>TL-16 <i>Gunnison Sage-grouse Winter Habitat</i> BLM Surface: 180 acres Split-estate: 4,970 acres</p>	<p>STIPULATION: Prohibit surface occupancy and surface-disturbing and disruptive activities in mapped important Gunnison sage-grouse winter range, as defined by the BLM and CPW, from December 1 to March 15.</p> <p>PURPOSE: Prevent disruption of Gunnison sage-grouse during the winter period.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for actions designed to enhance the long-term utility or availability of suitable winter habitat.</p>				•
<p>TL-17 <i>Gunnison Sage-grouse Breeding (Non-lek) Habitat</i> BLM Surface: 51,390 acres Split-estate: 21,040 acres</p>	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities within 6.0 miles of Gunnison sage-grouse leks from March 1 to June 30.</p> <p>PURPOSE: To protect Gunnison sage-grouse non-lek breeding habitats including nesting, brood-rearing, and summer-fall habitats.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>		•		

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>TL-18 <i>Gunnison Sage-grouse Breeding (Lek and Non-lek) Habitat</i> BLM Surface: 16,030 acres Split-estate: 20,310 acres</p>	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities in suitable habitat that is within mapped nesting habitat or within 4.0 miles of active Gunnison sage-grouse leks (if nesting habitat is not mapped) from March 1 to June 30.</p> <p>PURPOSE: Prevent disruption of reproductive activity during the production period.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, this stipulation may be excepted for actions designed to enhance the long-term utility or availability of suitable nest habitat.</p>				•
<p>TL-CO-18 (BLM 1991a) <i>Raptor Nesting and Fledgling Habitat (Golden Eagle, Accipiters, Falcons [Except the Kestrel], Buteos, and Owls)</i> BLM Surface: 3,280 acres Split-estate: 120 acres</p>	<p>STIPULATION: Prohibit surface occupancy and use within 0.25-mile of a nest site from February 1 to August 15.</p> <p>MODIFICATION: During years when a nest site is unoccupied or unoccupied by or after May 15, the seasonal limitation may be suspended. It may also be suspended once the young have fledged and dispersed from the nest.</p> <p>Standard EXCEPTION and WAIVER apply.</p>	•			
<p>TL-CO-20 (BLM 1991a) <i>Osprey Nesting and Fledgling Habitat</i> BLM Surface: 10 acres Split-estate: 0 acres</p>	<p>STIPULATION: Osprey nesting and fledgling habitat - April 1 to August 31. The sensitivity of osprey to human associated disturbance activities requires a half-mile buffer zone to avoid nest abandonment.</p> <p>PURPOSE: To protect breeding special status raptors and young and to comply with the Migratory Bird Treaty Act.</p> <p>EXCEPTION: During years when a nest site is unoccupied or unoccupied by or after May 15, the seasonal limitation may be suspended. It may also be suspended once the young have fledged and dispersed from the nest.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-CO-22 (BLM 1991a) Bald Eagle Nesting Habitat BLM Surface: 740 acres Split-estate: 100 acres	<p>STIPULATION: Prohibit surface use within 0.5-mile of nest a site from December 15 to June 15.</p> <p>PURPOSE: To prevent disruption of nesting. This time period is extremely sensitive to human-disturbance activities and may cause nest abandonment and desertion of long established territories.</p> <p>EXCEPTION: During years when a nest site is unoccupied by or after May 15, the timing limitation may be suspended. It may also be suspended once the young have fledged and dispersed from the nest.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			
TL-CO-24 (BLM 1991a) Peregrine Falcon Cliff Nesting Complex BLM Surface: 4,860 acres Split-estate: 40 acres	<p>STIPULATION: Prohibit surface use within 0.5-mile of peregrine falcon cliff nesting complex from March 16 to July 31.</p> <p>PURPOSE: To prevent abandonment and desertion of established territories.</p> <p>EXCEPTION: The following exception would apply only after formal ESA Section 7 consultation with USFWS was completed. During years when a nest site is unoccupied or unoccupied by or after May 15, the seasonal limitation may be suspended. It may also be suspended once the young have fledged and dispersed from the nest.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			
TL-CO-19 (BLM 1991a) Ferruginous Hawk No Data	<p>STIPULATION: Prohibit use within 1.0 mile of nesting and fledging habitat from February 1 to August 15.</p> <p>PURPOSE: Required due to the sensitivity of the ferruginous hawk to human associated disturbance activities.</p> <p>MODIFICATION: Exception for ferruginous hawks nesting habitat. During years when a nest site is unoccupied or unoccupied by or after May 15, the seasonal limitation may be suspended. It may also be suspended once the young have fledged and dispersed from the nest.</p> <p>Standard EXCEPTION and WAIVER apply.</p>	•			

Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-19 <i>Raptor Breeding and Nesting Sites</i> BLM Surface: 14,350 acres Split-estate: 2,770 acres	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities as follows:</p> <ul style="list-style-type: none"> • Special Status Raptors: Within 0.50-mile of active special status raptor nest sites and associated alternate nests from nest territory establishment to dispersal of young from nest (see Table B-8, Raptor Species Breeding Periods). • Non-Special Status Raptors (Except American Kestrel): Within 0.25-mile of active raptor nest sites and associated alternate nests from nest territory establishment to dispersal of young from nest (see Table B-8, Raptor Species Breeding Periods). <p>PURPOSE: To protect breeding special status raptors and young and to comply with the Migratory Bird Treaty Act.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION: In addition to the standard exception, this stipulation may be excepted in cases where topographic configuration ensures an effective visual/ noise barrier between disruptive activities and the nest site.</p> <p>An exception would be provided for nests that have been unoccupied by raptors for at least three consecutive breeding seasons. To qualify for an exception, bald eagle nests would require at least five consecutive breeding seasons of eyrie vacancy. During years when a nest site is unoccupied on or after May 15, the timing limitation may be suspended. An exception is provided for mineral leasing routine maintenance and operations.</p> <p>MODIFICATION: In addition to the standard modification, a modification may be provided for the latter end of the seasonal restriction if it is determined that young birds have fledged <i>and</i> dispersed from the nest site.</p>		•		

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-20 Wildlife Sensitive Raptor Nest and Wildlife Raptor Nest BLM Surface: 14,350 acres Split-estate: 2,770 acres	<p>STIPULATION: <i>Wildlife Sensitive Raptor Nest Timing Limitation:</i> Prohibit surface use within an 805-meter (0.50-mile) radius of active raptor nests, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, during the following time periods, or until fledging and dispersal of young:</p> <ul style="list-style-type: none"> • Bald Eagle: from November 15 to July 31 • Golden Eagle: from December 15 to July 15 • Ferruginous Hawk: from February 1 to August 15 • Peregrine and Prairie Falcon: from March 15 to July 31 • Northern Goshawk from March 1 to August 31 • Burrowing Owl: 0.25-mile radius around active nests from March 15 to August 15 <p><i>Wildlife Raptor Nest Timing Limitation:</i> No surface use is allowed within a 402-meter (0.25-mile) radius of active raptor nests, as mapped in the RMP, BLM’s GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, during the following time period(s), or until fledging and dispersal of young:</p> <ul style="list-style-type: none"> • Osprey: from April 1 to August 31 • Red-tailed Hawk: from February 15 to August 15 • Swainson’s Hawk, Cooper’s Hawk, Sharp-shinned Hawk, and Northern Harrier: from April 1 to August 15 • Great Horned Owl: from February 1 to August 15 • Other Owls and Raptors (excluding Kestrel): from March 1 to August 15 <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION for Non-Fluid Mineral Activities: In addition to the standard exception, the BLM UFO Field Manager may also grant an exception if the nest is unattended or remains unoccupied by May 15 of the project year. An exception may be granted to these dates by the BLM UFO Field Manager, consistent with policies derived from federal administration of the Migratory Bird Treaty Act.</p>				•

Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	<p>MODIFICATION for Non-Fluid Mineral Activities: In addition to the standard modification, a modification may be granted if the nest has remained unoccupied for a minimum of five years or conditions have changed such that there is no reasonable likelihood of site occupation over a minimum 10-year period.</p>				
<p>TL-CO-23 (BLM 1991a) Bald Eagle Winter Roost Sites BLM Surface: 4,630 acres Split-estate: 580 acres</p>	<p>STIPULATION: Prohibit surface use within 0.50-mile of bald eagle winter roost sites from November 16 to April 15.</p> <p>PURPOSE: The sensitivity of bald eagles to human disturbance activities.</p> <p>EXCEPTION: If there is partial or complete visual screening of the area of activity, the primary zone around the roost site may be reduced to 0.25-mile.</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			
<p>TL-21 Bald Eagle Winter Roost Sites BLM Surface: 4,630 acres Split-estate: 580 acres</p>	<p>STIPULATION: Prohibit surface use and surface-disturbing activities within an 805-meter (0.50-mile) radius of an active bald eagle winter roost, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies that are analyzed and accepted by the BLM, from November 15 to March 15.</p> <p>PURPOSE: To prevent disruption of wintering bald eagles at communal roosts.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>MODIFICATION for Non-Fluid Mineral Activities: In addition to the standard modification, a modification may be granted if the site has failed to support roosting activities over a minimum five year period, or if the site conditions have changed such that there is no reasonable likelihood of site occupation over a minimum 10-year period.</p>				•

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
<p>TL-SJ-7 (BLM 1991a) Bald Eagle Winter Concentration Areas BLM Surface: 3,750 acres Split-estate: 120 acres</p>	<p>STIPULATION: Prohibit surface use from December 1 to April 15.</p> <p>PURPOSE: To protect bald eagles from activities that would cause abandonment of winter concentration areas.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>	•			
<p>TL-UB-3 (BLM 1989a) Bald Eagle Winter Concentration Areas BLM Surface: 8,650 acres Split-estate: 2,650 acres</p>	<p>STIPULATION: Prohibit development (e.g., exploration and drilling) from December 1 to April 30.</p> <p>PURPOSE: To protect bald eagles from activities that would cause abandonment of winter concentration areas.</p> <p>EXCEPTION: This stipulation may be waived, excepted, or modified by the BLM Authorized Officer if the lessee can demonstrate that operations can be conducted without causing unacceptable impacts on wintering bald eagles.</p> <p>Resource information for split-estate lands has not been verified by the BLM. Verification will occur during review of Applications for Permit to Drill APDs). On-site inspection and consultation with the surface owner and operator may reveal that (1) the impacts addressed by the stipulation will be avoided or mitigated to an acceptable level, or (2) the resources of concern are not present. Upon either of these determinations by the BLM Authorized Officer, the stipulations can be waived, modified, or excepted without public notice other than that provided APD. If, after on-site inspection and consultation with the private surface landowner, it is determined by the BLM Authorized Officer that conditions necessary to avoid impacts on private resources would adversely impact the public resources addressed by these stipulations, the impacts will be assessed. If, based upon such assessment, the BLM Authorized Officer makes a decision to substantially change or waive one or more stipulations, a 30-day public review period will be provided in addition to the public notice period for receipt of the APD. (These two 30-day notice and review-periods may overlap.)</p> <p>Standard MODIFICATION and WAIVER apply.</p>	•			

Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-22 <i>Bald Eagle Winter Concentration Areas</i> BLM Surface: 10,180 acres Split-estate: 1,720 acres	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities within bald eagle winter concentration areas from November 15 to April 1.</p> <p>PURPOSE: To protect bald eagle crucial winter habitats and to comply with the Bald and Golden Eagle Protection Act.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p> <p>EXCEPTION: In addition to the standard exception, restriction timeframes may be adjusted on a case-by-case basis depending on weather conditions and the severity of winter, provided eagles are not observed in the proposed action area.</p>		•		•
TL-CO-21 <i>(BLM 1991a)</i> <i>Mexican Spotted Owl Nesting and Fledgling Habitat</i> No Data	<p>STIPULATION: Prohibit surface use in core area of territory from February 1 to July 31. Mexican spotted owl habitat is restricted by use of a timing limitation applied to core areas within the owl habitat territory. The territories are by definition of two types: (1) territory in which an owl(s) has been spotted, but no nests or roosts have been confirmed, and (2) territory in which there is confirmed nesting, feeding, and roosting activity. The territory of a Mexican spotted owl is thought to be about 2,000 acres and does not overlap with another individual's (or pair's) territory. Within the territory is a core area of 450 acres where there have been sightings only ([1] above), or 1,480 acres where there are confirmed nests and/or roosts ([2] above). A proposed oil and gas operation within the remainder of the territory (2,000 acres minus 450 or 1,480 acres) will be analyzed prior to permit approval and mitigated for compatibility with the owl habitat.</p> <p>PURPOSE: To protect Mexican spotted owl crucial breeding habitats and to comply with the Mexican spotted owl recovery plan to promote recovery.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>	•			

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-23 Wildlife Mexican Spotted Owl (Suitable Breeding Habitat) No Data	STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities in mapped suitable Mexican spotted owl breeding habitat, as mapped in the RMP, BLM's GIS database, or other maps provided by local, state, federal, or tribal agencies, including as defined in the Mexican spotted owl recovery plan, that are analyzed and accepted by the BLM, from March 1 to August 31. PURPOSE: To prevent disturbance of Mexican spotted owl during breeding and brood rearing and to promote recovery as defined in the Mexican Spotted Owl Recovery Plan. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•
TL-24 Gunnison and White-tailed Prairie Dog BLM Surface: 7,790 acres Split-estate: 870 acres	STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities within 300 feet of active prairie dog colonies from March 1 to July 15. PURPOSE: To protect prairie dog reproduction. Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•		
TL-25 Gunnison and White-tailed Prairie Dog BLM Surface: 7,790 acres Split-estate: 870 acres	STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities within 300 feet of active prairie dog colonies from April 1 to July 15. PURPOSE: To protect prairie dog reproduction. Standard EXCEPTION, MODIFICATION, and WAIVER apply.				•
TL-26 Active Kit Fox Dens No Data	STIPULATION: Prohibit surface use and surface-disturbing activities within 400 feet of active kit fox dens nesting and feeding habitat areas from February 15 to August 30 (Wilson and Ruff 1999). PURPOSE: To protect breeding kit foxes. Standard EXCEPTION, MODIFICATION, and WAIVER apply.			•	

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
TL-27 Active Kit Fox Dens No Data	<p>STIPULATION: Prohibit surface use and surface-disturbing and disruptive activities within 0.25-mile of active dens from February 1 to May 1.</p> <p>PURPOSE: To prevent disruption during the kit fox denning period.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•
TL-CO-17 (BLM 1991a) White Pelican No Data	<p>STIPULATION: Prohibit use within white pelican nesting and feeding habitat areas from March 16 to September 30.</p> <p>Purpose: To protect BLM sensitive species, white pelican, from activities that would alter breeding behavior, increase the incidence of nest abandonment, and decrease breeding success.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>	•			
TL-UB-6 (BLM 1989a) Waterfowl Habitat BLM Surface: 620 acres	<p>STIPULATION: Prohibit development in waterfowl habitats from March 15 to June 30.</p> <p>PURPOSE: To protect waterfowl from activities that would alter breeding behavior, increase the incidence of nest abandonment, and decrease breeding success.</p> <p>EXCEPTION: This stipulation may be waived, excepted, or modified by the BLM Authorized Officer if the lessee can demonstrate that operations can be conducted without causing unacceptable impacts on breeding and nesting waterfowl. Variances could be allowed if these breeding habitats are not being utilized, or if impacts could be mitigated, or if site-specific conditions do not warrant the stipulation (e.g., few individuals affected or short duration of operations).</p> <p>Resource information for split-estate lands has not been verified by the BLM. Verification will occur during a review of APDs. On-site Inspection and consultation with the surface owner and operator may reveal that (1) the impacts addressed by the stipulation will be avoided or mitigated to an acceptable level, or (2) the resources of concern are not present. Upon either of these determinations by the BLM Authorized Officer, the stipulations can be waived, modified, or excepted without</p>	•			

**Table B-4
Timing Limitation (TL) Stipulations Applicable to Fluid Mineral Leasing and
Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ¹	Stipulation Description	Alternative			
		A	B	C	D
	public notice other than that provided for the APD. If, after on-site inspection and consultation with the private surface landowner, it is determined by the BLM Authorized Officer that conditions necessary to avoid impacts on private resources addressed by these stipulations, the impacts will be assessed. If, based upon such assessment, the BLM Authorized Officer makes a decision to substantially change one or more stipulations, a 30-day public review period will be provided in addition to the public notice period for receipt of the APD. (These two 30-day notice and review periods may overlap.) Standard MODIFICATION and WAIVER apply.				
	Areas of Critical Environmental Concern				
TL-28 <i>East Paradox ACEC</i> BLM Surface: 7,360 acres Split-estate: 0 acres	STIPULATION: Close the East Paradox ACEC to rock climbing during peregrine falcon breeding season (March 1 to August 15) if peregrine falcons are present. PURPOSE: To prevent disruption during the peregrine falcon breeding season. EXCEPTION: During years when a nest site is unoccupied on or after May 15, the timing limitation may be suspended. It may also be suspended once the young have fledged and dispersed from the nest. An exception could be issued in cases where topographic configuration ensures an effective visual/noise barrier between disruptive activities and the occupied nest site. MODIFICATION: Standard modifications apply, plus a modification may be provided for the latter end of the seasonal restriction if it is determined that young birds have fledged <i>and</i> dispersed from the nest site. WAIVER: Standard waivers apply.		•		

¹The sum of acres with TL stipulations in this table may add up to more than the total acres with TL stipulations presented in Chapter 2, as some areas may overlap.

**Table B-5
Lease Notices (LN) Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected	Stipulation Description	Alternative			
		A	B	C	D
	Air Quality				
LN-CO-56 <i>Air</i>	Due to potential air quality concerns, supplementary air quality analysis may be required for any proposed development of this lease. This may include preparing a comprehensive emissions inventory, performing air quality modeling, and initiating interagency consultation with affected land managers and air quality regulators to determine potential mitigation options for any predicted significant impacts from the proposed development. Potential mitigation may include limiting the time, place, and pace of any proposed development, as well as providing for the best air quality control technology and/or management practices necessary to achieve area-wide air resource protection objectives. Mitigation measures would be analyzed through the appropriate level of NEPA analysis to determine effectiveness, and will be required or implemented as a permit condition of approval. At a minimum, all projects and permitted uses implemented under this lease will comply with all applicable National Ambient Air Quality Standards and ensure Air Quality Related Values are protected in nearby Class I or Sensitive Class II areas that are afforded additional air quality protection under the Clean Air Act.	•	•	•	•
	Soils and Water				
LN-UFO-1 <i>Municipal Water Supply</i>	If drilling is proposed, the operator is hereby notified that there are concerns about the municipal water source and water conveyance for the town of Norwood, Colorado. The lessee is hereby notified that special design, construction, and scheduling measures may be required in order to minimize the impacts of drilling and production. The overall goal of these measures is to protect Norwood's municipal water source.	•			
	Special Status Species				
LN-CO-34 (BLM 1991a) <i>ESA Section 7 Consultation</i>	The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened or endangered, or other special status species. The BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid a BLM-approved activity that would contribute to a need to list such a species or its habitat. The BLM may require modifications to or may disapprove proposed activity that is likely to jeopardize to the continued existence of a proposed or listed threatened or endangered species or result in the	•			

**Table B-5
Lease Notices (LN) Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected	Stipulation Description	Alternative			
		A	B	C	D
	destruction or adverse modification of a designated or proposed critical habitat. The BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the ESA as amended, 16 USC 1531 et seq., including completion of any required procedure for conference or consultation.				
	Special Status Plants				
<i>LN-UFO-2 Special Status Plants</i>	The lease area is known to contain populations of endangered plants and may hereafter contain other species protected under the ESA or other special status species. To avoid impacts on endangered, threatened, proposed species, designated critical habitat, or BLM special status species, lessees must contact the BLM UFO before any surface activities associated with this lease. The lessee may also be required to conduct additional inventories to ensure that there are no protected species on the proposed disturbance sites. The BLM may recommend modifications to exploration and development proposals to avoid impact on any species listed under the ESA, or proposed for listing under the ESA, or designated or proposed critical habitat. The BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the ESA, as amended, 16 USC 1531 et seq. This could include completing any required conference or consultation with USFWS. Additionally, project modifications may be required to avoid impacts on BLM sensitive species.	•			
	Special Status Terrestrial Wildlife				
<i>LN-CO-30 (BLM 1991a) Grouse</i>	In order to protect nesting grouse species, surface-disturbing activities proposed from March 1 to June 30 will be relocated, consistent with lease rights granted and Section 6 of standard lease terms, out of grouse nesting habitat. Sage-grouse nesting habitat is described as sage stands with sagebrush plants between 30 and 100 centimeters in height and a mean canopy cover between 15 and 40 percent.	•			
	Paleontological Resources				
<i>LN-CO-29 (BLM 1991a) Paleontological Areas</i>	Before authorizing surface-disturbing activities in Class I and II Paleontological Areas [now known as PFYC Class 4 and 5], an inventory will be performed by an accredited paleontologist approved by the BLM Authorized Officer.	•			

**Table B-5
Lease Notices (LN) Applicable to Fluid Mineral Leasing**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected	Stipulation Description	Alternative			
		A	B	C	D
	Coal				
LN-UB-10/LN-CO-30 Coal Areas	Within the Paonia-Somerset Known Recoverable Coal Resource Area, coal and oil and gas leasing and development will be managed consistent with land use plans and lease terms. More specifically, the portions of the Known Recoverable Coal Resource Area where the overburden above the B-Seam of the Mesaverde coals is less than 3,500 feet will be managed primarily for the exploration and development of the coal resources. Oil and gas operators anticipating exploration or development operations are encouraged to consult and coordinate their activities with the affected coal operators. In the event that the oil and gas and coal operators are unable to agree on proposed oil and gas exploration or development, the BLM Authorized Officer would intervene and use all pertinent lease terms, regulations, and policy to determine what course of action is in the public's interest. However, under no circumstances will the BLM approve any oil and gas operations that compromise maximum economic coal recovery or the safety of underground mining operations.	•			
	Public Health and Safety				
LN-UFO-8 LN-1 Unexploded Ordnance	The lease area is known to contain unexploded ordnance. The Colorado National Guard and Army Reserve used the lease area as a practice area for military training in the past. Periodic surface searches for ordnance may not have located and removed all of the ordnance. Prior to any new activity on the lease area, a survey for surface and subsurface unexploded ordnance is required to avoid impacts on health and safety. Lessees must contact the BLM UFO prior to any surface activities associated with this lease. The lessee will be required to coordinate with the Colorado National Guard, Army Reserve and the Colorado Department of Public Health and Environment to conduct additional surveys to ensure that there is no unexploded ordnance present on the proposed disturbance sites and appropriate actions are taken to be sure the sites are safe for use. The BLM may recommend modifications to exploration and development proposals to avoid impacts on health and safety. The lease holder agrees to indemnify the United States against any liability arising from the lease holder's and its agents' activities on the lease area.	•	•	•	•

**Table B-6
No Ground Disturbance (NGD) Restrictions Applicable to Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
	Soils and Water				
NSO-1/NGD-1 <i>Geology Soil: Saline/Selenium Soils</i> 107,170 acres	Refer to NSO-1/NDG-1 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-4/NGD-2 <i>Geology: Slope Greater than 30 Percent</i> 174,540 acres	Refer to NSO-4/NDG-2 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NL-2/NGD-3 <i>Hydrology River</i> 26,990 acres	Refer to NL-2/NGD-3 in Table B-1, Areas Closed to Fluid Mineral Leasing.		•		
NSO-10/NGD-4 <i>Perennial Streams</i> 39,640 acres	Refer to NSO-10/NGD-4 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NGD-5 <i>Public Water Supplies</i> 13,760 acres	<p>STIPULATION: Prohibit surface-disturbing activities on lands within 2,640 feet on either side of a classified, surface water supply, stream segment (as measured from the average high water mark) for a distance of 5 miles upstream of a public water supply intake classified by the State as “water supply” and within 2,640 feet (0.5-mile) of all public water supplies that use a groundwater well or spring.</p> <p>If public water providers develop source water protection plans, apply this restriction to cover the appropriate designated area in the protection plan.</p> <p>PURPOSE: Protecting public water supplies, water quality, aquatic habitat and human health.</p> <p>EXCEPTION and WAIVER: Standard exception and waiver apply.</p> <p>MODIFICATION: In addition to the standard modification, the buffer may be extended beyond 2,640 feet to include the watershed area above the point of intake if site-specific conditions warrant.</p>		•		

**Table B-6
No Ground Disturbance (NGD) Restrictions Applicable to Surface-disturbing Activities**

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
	Vegetation				
NSO-17/NGD-6 <i>Plant Community</i> 12,710 acres	Refer to NSO-17/NGD-6 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-18/NGD-7 <i>Hydrology Features</i> 63,540 acres	Refer to NSO-18/NGD-7 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Special Status Plants				
NSO-22/NGD-8 <i>Plant ESA-Listed Species</i> 5,470 acres	Refer to NSO-22/NGD-8 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Special Status Fish and Aquatic Wildlife				
NSO-23/NGD-9 <i>Wildlife ESA-Listed Species (Occupied Federally Listed Fish Habitat)</i> 51,460 acres	Refer to NSO-23/NGD-9 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Special Status Terrestrial Wildlife				
NSO-28/NGD-10 <i>Wildlife ESA-Listed Species (Wildlife and Bird Species' Occupied Habitat)</i> <i>No Data</i>	Refer to NSO-28/NGD-10 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-30/NGD-11 <i>Wildlife ESA-Listed Species (Yellow-billed Cuckoo Habitat)</i> 6,080 acres	Refer to NSO-30/NGD-11 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NGD-12 <i>Gunnison Sage-grouse Breeding (Lek) Habitat</i> 1,330 acres	Prohibit surface-disturbing activities in all Gunnison sage-grouse lek habitat (lek area plus a 0.6-mile radius), as defined by BLM and CPW. PURPOSE: To protect Gunnison sage-grouse core areas and crucial habitats.		•		

Table B-6
No Ground Disturbance (NGD) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
NSO-32/NGD-13 <i>Gunnison Sage-grouse Breeding (Non-lek) Habitat</i> 42,850 acres	Refer to NSO-32/NGD-13 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-34/NGD-14 <i>Raptor Nest Sites</i> 4,260 acres	Refer to NSO-34/NGD-14 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-37/NGD-15 <i>Bald Eagle Winter Roost Sites</i> 9,200 acres	Refer to NSO-37/NGD-15 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-39/NGD-16 <i>Mexican Spotted Owl</i> No Data	Refer to NSO-39/NGD-16 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-41/NGD-17 <i>Wildlife BLM Sensitive Species (Gunnison and White-tailed Prairie Dogs)</i> 6,480 acres	Refer to NSO-41/NGD-17 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-42/NGD-18 <i>Wildlife BLM Sensitive Species (Gunnison and White-tailed Prairie Dogs)</i> 90 acres	Refer to NSO-42/NGD-18 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-43/NGD-19 <i>Wildlife Bat: Bat Roost Sites and Winter Hibernacula</i> 2,900 acres	Refer to NSO-43/NGD-19 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NL-2/NGD-3 <i>Hydrology River</i> 26,990 acres	Refer to NL-2/NGD-3 in Table B-1, Areas Closed to Fluid Mineral Leasing (NL).		•		

Table B-6
No Ground Disturbance (NGD) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
	Cultural Resources				
NSO-45/NGD-20 <i>Allocation to Traditional Use</i> No Data	Refer to NSO-45/NGD-20 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-47/NGD-21 <i>Tabeguache Caves/Tabeguache Pueblos Area and Tabeguache Canyon</i> 21,110 acres	Refer to NSO-47/NGD-21 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-48/NGD-22 <i>Cultural</i> 980 acres	Refer to NSO-48/NGD-22 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Visual Resources				
NSO-51/NGD-23 <i>Visual Class I</i> 53,870 acres	Refer to NSO-51/NGD-23 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Lands with Wilderness Characteristics				
NL-12/NGD-24 <i>Lands with Wilderness Characteristics</i> 24,910 acres	Refer to NL-12/NGD-24 in Table B-1, Areas Closed to Fluid Mineral Leasing.		•		
	Recreation				
NGD-25 <i>SRMAs</i> 1,760 acres	STIPULATION: Prohibit surface-disturbing activities within RMZ 4 of Paradox Valley SRMA. PURPOSE: To protect: (1) the prescribed physical, social, and operational natural resource recreational setting character; (2) the targeted recreation activity, experience, and beneficial outcome opportunities; and (3) visitor health and safety in areas of high recreational value and/or significant recreational activity.		•		
	Areas of Critical Environmental Concern				
NL-16/NSO-58/NGD-26 <i>Special Designation ACEC</i> 180,260 acres	Refer to NL-16/NGD-26 in Table B-1, Areas Closed to Fluid Mineral Leasing, and NSO-48/NGD-26 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		

Table B-6
No Ground Disturbance (NGD) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
	Wilderness and WSAs				
NL-18/NGD-27 WSAs 36,160 acres	Refer to NL-18/NGD-27 in Table B-1, Areas Closed to Fluid Mineral Leasing.	•	•	•	•
NL-19/NGD-28 <i>Sewemup Mesa WSA if Released from Wilderness Consideration</i> 1,780 acres	Refer to NL-19/NGD-28 in Table B-1, Areas Closed to Fluid Mineral Leasing.		•		
	Wild and Scenic Rivers				
NSO-59/NGD-29 <i>Special Designation WSR ("Wild")</i> 17,210 acres	Refer to NSO-59/NGD-29 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Public Health and Safety				
NSO-66/NGD-30 <i>DOE Uranium Mill Tailings Remedial Action Area</i> 20 acres	Refer to NSO-66/NGD-30 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.		•	•	•

¹The sum of acres with NGD restrictions in this table may add up to more than the total acres with NGD restrictions presented in Chapter 2 as some areas may overlap.

²Acres are for BLM surface only; NGD restrictions do not apply to non-BLM land.

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
	Land Health				
CSU-1/SSR-1 <i>Lands, Streams and Wetlands "Not Meeting" or "Meeting with Problems" BLM Colorado Public Land Health Standards</i> 393,000 acres	Refer to CSU-1/SSR-1 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Soils and Water				
CSU-2/SSR-2 <i>Geology Soil: Saline/Selenium Soils</i> 107,170 acres	Refer to CSU-2/SSR-2 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
CSU-3/SSR-3 <i>Geology Soil: Saline/Selenium Soils</i> 107,170 acres	Refer to CSU-3/SSR-3 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-4/SSR-4 <i>Geology Soil: Potential Biological Soil Crust</i> 254,840 acres	Refer to CSU-4/SSR-4 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
CSU-5/SSR-5 <i>Geology Soil: East Paradox Biological Soil Crust</i> 1,650 acres	Refer to CSU-5/SSR-5 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
CSU-6/SSR-6 <i>Geology Soil: Potential Biological Soil Crust</i> <i>No Data</i>	Refer to CSU-6/SSR-6 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-8/SSR-7 <i>Geology: Slope Greater than 40 Percent</i> 115,080 acres	Refer to CSU-8/SSR-7 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-6/SSR-8 <i>Geology: Slope Greater than 40 Percent</i> 115,080 acres	Refer to NSO-6/SSR-8 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
CSU-9/SSR-9 <i>Geology: Slope from 30 to 39 Percent</i> 60,200 acres	Refer to CSU-9/SSR-9 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-10/SSR-10 <i>Hydrology River</i> 26,990 acres	Refer to CSU-10/SSR-10 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-9/SSR-11 <i>Hydrology River</i> 26,990 acres	Refer to NSO-9/SSR-11 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-11/SSR-12 <i>Perennial Streams</i> 26,050 acres	Refer to CSU-11/SSR-12 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-11/SSR-13 <i>Hydrology Features</i> 26,050 acres	Refer to NSO-11/SSR-13 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
	Vegetation				
CSU-14/SSR-14 <i>Plant Community</i> 12,710 acres	Refer to CSU-14/SSR-14 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-15/SSR-15 <i>Naturally Occurring Riparian and Wetland Areas, Springs, and Seeps</i> 10,280 acres	Refer to CSU-15/SSR-15 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-19/SSR-16 <i>Hydrology Features</i> 32,330 acres	Refer to NSO-19/SSR-16 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
	Terrestrial Wildlife				
NSO-20/SSR-17 <i>Ecological Emphasis Areas</i> 207,310 acres	Refer to NSO-20/SSR-17 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
CSU-17/SSR-18 <i>Ecological Emphasis Areas</i> Alternative B: 35,250 acres Alternative C: 24,150 acres Alternative D: 177,680 acres	Refer to CSU-17/SSR-18 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•	•	•
CSU-18/SSR-19 <i>Desert and Rocky Mountain Bighorn Sheep Summer Range</i> 39,530 acres	Refer to CSU-18/SSR-19 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		•
	Special Status Plants				
CSU-19/SSR-20 <i>BLM Sensitive Plant Species</i> 3,240 acres	Refer to CSU-19/SSR-20 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-20/SSR-21 <i>Plant ESA-Listed Species</i> 6,330 acres	Refer to CSU-20/SSR-21 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
	Special Status Fish and Aquatic Wildlife				
NSO-24/SSR-22 <i>Wildlife ESA-Listed Species (Occupied Federally Listed Fish Habitat)</i> 270 acres	Refer to NSO-24/SSR-22 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-21/SSR-23 <i>Occupied Native Cutthroat Trout Habitat</i> 52,580 acres	Refer to CSU-21/SSR-23 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
CSU-22/SSR-24 <i>Occupied Native Cutthroat Trout Habitat</i> 20,270 acres	Refer to CSU-22/SSR-24 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
NSO-26/SSR-25 <i>Occupied Native Cutthroat Trout Habitat</i> 12,250 acres	Refer to NSO-26/SSR-25 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-23/SSR-26 <i>Occupied Native Cutthroat Trout Habitat</i> 8,010 acres	Refer to CSU-23/SSR-26 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
	Special Status Terrestrial Wildlife				
CSU-24/SSR-27 <i>Wildlife ESA-Listed Species (Federally Threatened, Endangered, and Candidate Wildlife and Bird Species' Occupied Habitat)</i> No Data	Refer to CSU-24/SSR-27 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-29/SSR-28 <i>Wildlife ESA-Listed Species (Wildlife and Bird Species' Occupied Habitat)</i> No Data	Refer to NSO-29/SSR-28 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-25/SSR-29 <i>Wildlife ESA-Listed Species (Yellow-billed Cuckoo Habitat)</i> 6,080 acres	Refer to CSU-25/SSR-29 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-26/SSR-30 <i>Wildlife ESA-Listed Species (Canada Lynx Habitat)</i> 3,860 acres	Refer to CSU-26/SSR-30 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
CSU-27/SSR-31 <i>Wildlife ESA-Listed Species (Canada Lynx Habitat)</i> 3,860 acres	Refer to CSU-27/SSR-31 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
NSO-31/SSR-32 <i>Gunnison Sage-grouse Breeding (Lek) Habitat</i> 1,330	Refer to NSO-31/SSR-32 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.			•	•
CSU-28/SSR-33 <i>Gunnison Sage-grouse Breeding (Non-lek) Habitat</i> 14,700 acres	Refer to CSU-28/SSR-33 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
CSU-29/SSR-34 <i>Gunnison Sage-grouse Breeding (Non-lek) Habitat</i> 14,700 acres	Refer to CSU-29/SSR-34 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-30/SSR-35 <i>Raptor Breeding Habitat</i> 40,910 acres	Refer to CSU-30/SSR-35 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
NSO-36/SSR-36 <i>Raptor Nest Sites (Except Mexican Spotted Owl)</i> 8,440 acres	Refer to NSO-36/SSR-36 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-32/SSR-37 <i>Raptor Breeding Habitat (Accipiters, Falcons [Except Kestrel], Buteos, and Owls [Except Mexican Spotted Owl])</i> 21,790 acres	Refer to CSU-32/SSR-37 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
NSO-38/SSR-38 <i>Bald Eagle Winter Roost Sites</i> 4,570 acres	Refer to NSO-38/SSR-38 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-33/SSR-39 <i>Bald Eagle Habitat (Winter Concentration and Communal Roosts)</i> 10,180 acres	Refer to CSU-33/SSR-39 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		•

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
CSU-34/SSR-40 <i>Mexican Spotted Owl</i> <i>Suitable Breeding</i> <i>Habitat</i> <i>No Data</i>	Refer to CSU-34/SSR-40 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
NSO-40/SSR-41 <i>Mexican Spotted Owl</i> <i>No Data</i>	Refer to NSO-40/SSR-41 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-35/SSR-42 <i>Wildlife BLM Sensitive</i> <i>Species (Gunnison and</i> <i>White-tailed Prairie</i> <i>Dogs)</i> 6,480 acres	Refer to CSU-35/SSR-42 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-36/SSR-43 <i>Wildlife BLM Sensitive</i> <i>Species (Active Kit Fox</i> <i>Dens)</i> <i>No Data</i>	Refer to CSU-36/SSR-43 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
CSU-37/SSR-44 <i>Wildlife BLM Sensitive</i> <i>Species (Active Kit Fox</i> <i>Dens)</i> <i>No Data</i>	Refer to CSU-37/SSR-44 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-38/SSR-45 <i>Wildlife Bat: Bat Roost</i> <i>Sites and Winter</i> <i>Hibernacula</i> 2,900 acres	Refer to CSU-38/SSR-45 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-44/SSR-46 <i>Wildlife Bat: Bat Roost</i> <i>Sites and Winter</i> <i>Hibernacula (Federally</i> <i>Listed and BLM Sensitive</i> <i>Species)</i> 2,900 acres	Refer to NSO-44/SSR-46 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
CSU-39/SSR-47 <i>Wildlife Bat: Bat Roost Sites and Winter Hibernacula (Colorado State Species of Concern)</i> 2,900 acres	Refer to CSU-39/SSR-47 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-10/SSR-10 <i>Hydrology River</i> 26,990 acres	Refer to CSU-10/SSR-10 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-9/SSR-11 <i>Hydrology River</i> 26,990 acres	Refer to NSO-9/SSR-11 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
	Cultural Resources				
CSU-40/SSR-48 <i>Allocation to Traditional Use</i> No Data	Refer to CSU-40/SSR-48 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-46/SSR-49 <i>Allocation to Traditional Use</i> No Data	Refer to NSO-46/SSR-49 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-41/SSR-50 <i>Tabeguache Pueblos Area and Tabeguache Canyon</i> 21,110 acres	Refer to CSU-41/SSR-50 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-42/SSR-51 <i>Sites Listed on the National or State Register of Historic Places</i> No Data	Refer to CSU-42/SSR-51 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.			•	
NSO-49/SSR-52 <i>Cultural</i> 8,150 acres	Refer to NSO-49/SSR-52 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
CSU-43/SSR-53 <i>Cultural</i> No Data	Refer to CSU-43/SSR-53 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		•

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
CSU-44/SSR-54 <i>Area of Archaeological Significance</i> 31,870 acres	Refer to CSU-44/SSR-54 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.				•
	Visual Resources				
CSU-46/SSR-55 <i>Visual: VRM Class II and III</i> 598,500 acres	Refer to CSU-46/SSR-55 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
	Lands with Wilderness Characteristics				
NSO-53/SSR-56 <i>Lands with Wilderness Characteristics</i> 18,320 acres	Refer to NSO-53/SSR-56 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing.				•
	Areas of Critical Environmental Concern				
NL-16/NSO-58/ CSU-52/SSR-57 <i>Special Designation ACEC</i> Alternative B: 35,560 acres Alternative C: 6,580 acres Alternative D: 28,540 acres	Refer to NL-16/SSR-57 in Table B-1, Areas Closed to Fluid Mineral Leasing (NL), NSO-58/SSR-57 in Table B-2, No Surface Occupancy (NSO) Stipulations Applicable to Fluid Mineral Leasing, and CSU-52/SSR-57 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•	•	•
	Wilderness and WSAs				
SSR-58 <i>Tabeguache Area</i> 8,080 acres	STIPULATION: Apply SSR restrictions in the Tabeguache Area. PURPOSE: The purpose of this stipulation is to ensure that management of the Congressionally designated Tabeguache Area is in compliance with its enabling legislation, the Colorado Wilderness Act of 1993. The act states that “activities within such areas shall be managed by the Secretary of Agriculture and the Secretary of the Interior, as appropriate, so as to maintain the areas’ presently existing wilderness character and potential for inclusion in the National Wilderness Preservation System.” Standard EXCEPTION, MODIFICATION, and WAIVER apply.		•	•	•

Table B-7
Site-specific Relocation (SSR) Restrictions Applicable to Surface-disturbing Activities

Stipulation Number (Existing/New) Protected Resource Acres/Miles Affected ^{1, 2}	Stipulation Description	Alternative			
		A	B	C	D
NL-19/SSR-59 <i>Sewemup Mesa WSA if Released from Wilderness Consideration</i> 1,780 acres	Refer to NL-19/SSR-59 in Table B-1, Areas Closed to Fluid Mineral Leasing (NL).				•
	Wild and Scenic Rivers				
CSU-53/SSR-60 <i>Special Designation WSR (Scenic and Recreational Segments)</i> 32,050 acres	Refer to CSU-53/SSR-60 in Table B-3, Controlled Surface Use (CSU) Stipulations Applicable to Fluid Mineral Leasing.		•		
SSR-61 <i>Special Designation WSR</i> 31,440 acres	<p>STIPULATION: Apply SSR restrictions within the WSR study corridor, as defined in the Uncompahgre Wild and Scenic River Suitability Report (Appendix P), of segments determined to be suitable for inclusion in the National Wild and Scenic Rivers System.</p> <p>PURPOSE: The Wild and Scenic River Act requires that management and development of the suitable river and its corridor should not be modified, subject to valid existing rights, to the degree that its suitability or tentative classification would be affected (i.e., its tentative river area classification cannot be changed from wild to scenic, or from scenic to recreational). The SSR restriction would allow some modification where needed.</p> <p>Standard EXCEPTION, MODIFICATION, and WAIVER apply.</p>				•

¹The sum of acres with SSR restrictions in this table may add up to more than the total acres with SSR restrictions presented in Chapter 2, as some areas may overlap.

²Acres are for BLM-administered surface only; SSR restrictions do not apply to non-BLM-administered land.

**Table B-8
Raptor Species Breeding Periods**

		Breeding Period
Falconiformes		
Osprey	<i>Pandion haliaetus</i>	4/1-8/31
Bald eagle	<i>Haliaeetus leucocephalus</i>	11/1-7/31
Northern harrier	<i>Circus cyaneus</i>	4/1-8/15
Sharp-shinned hawk	<i>Accipiter striatus</i>	3/15-8/31
Cooper's hawk	<i>Accipiter cooperii</i>	3/15-8/31
Northern goshawk	<i>Accipiter gentilis</i>	3/1-7/31
Swainson's hawk	<i>Buteo swainsoni</i>	4/1-7/15
Red-tailed hawk	<i>Buteo jamaicensis</i>	2/15-7/15
Ferruginous hawk	<i>Buteo regalis</i>	2/1-7/15
Rough-legged hawk	<i>Buteo lagopus</i>	N/A ¹
Golden eagle	<i>Aquila chrysaetos</i>	12/15-7/15
American kestrel	<i>Falco sparverius</i>	4/1-8/15
Merlin	<i>Falco columbarius</i>	4/1-8/31
Peregrine falcon	<i>Falco peregrinus</i>	2/1-8/31
Prairie falcon	<i>Falco mexicanus</i>	year round
Strigiformes		
Common barn owl	<i>Tyto alba</i>	2/1-9/15
Flammulated owl	<i>Otus flammeolus</i>	4/1-9/30
Western screech owl	<i>Megascops kennicottii</i>	3/1-8/15
Eastern screech owl	<i>Megascops asio</i>	3/1-8/15
Great horned owl	<i>Bubo virginianus</i>	12/1-9/31
Northern pygmy owl	<i>Glaucidium gnoma</i>	4/1-8/1
Burrowing owl	<i>Athene cunicularia</i>	4/1-8/15
Mexican spotted owl	<i>Strix occidentalis lucida</i>	3/1-8/31
Great gray owl	<i>Strix nebulosa</i>	3/1-8/31
Long-eared owl	<i>Asio otus</i>	2/1-8/15
Short-eared owl	<i>Asio flammeus</i>	3/1-8/1
Boreal owl	<i>Aegolius funereus</i>	2/1-7/31
Northern saw-whet owl	<i>Aegolius acadicus</i>	3/1-8/31

¹Species does not breed in Colorado

Source: Developed from Klute 2008 and *Table of Seasonal (Breeding) Buffers.xls* (BLM Colorado State Office)

B.4 REFERENCES

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