

CFO Lease Stipulation Summary

Stipulation	Description/Purpose
SENM-S-1	POTASH STIPULATION All or a portion of the lease is located within the Secretary's Potash Area as described in the Secretarial Order, 51 Federal Register 39425(October 28, 1986). In order to protect potash resources, special protective measures may be developed during environmental analyses and be required as part of approvals for drilling or other operations on this lease.
SENM-S-2	NO SURFACE OCCUPANCY (POPE'S WELL) To protect and preserve sensitive historic values within Pope's Well Archaeological Site.
SENM-S-3	NO SURFACE OCCUPANCY (MAROON CLIFFS) To protect and preserve significant cultural resource values within the Maroon Cliffs Archaeological District.
SENM-S-4	NO SURFACE OCCUPANCY (LAGUNA PLATA) To protect and preserve significant cultural resource values within the Laguna Plata Archaeological District.
SENM-S-5	NO SURFACE OCCUPANCY – THREATENED PLANT SPECIES To protect the Federally listed threatened and endangered gypsum wild-buckwheat species (<i>Eriogonum gypsophilum</i>) and designated Critical Habitat as described in Federal Register Notice of January 19, 1981.
SENM-S-6	NO SURFACE OCCUPANCY (SOUTH TEXAS HILL CANYON) To protect and enhance known and potentially listed species and habitat as well as the Chihuahuan Desert Ecosystem for research purposes in the South Texas Hill Canyon Research Natural Area.
SENM-S-7	NO SURFACE OCCUPANCY (LONESOME RIDGE / GUADALUPE ESCARPMENT SCENIC AREA) To protect and preserve important natural and scenic values within the Lonesome Ridge Area of Critical Environmental Concern (ACEC) and within the Guadalupe Escarpment Scenic Area.
SENM-S-8	NO SURFACE OCCUPANCY (YESO HILLS) To protect and enhance representative Chihuahuan Desert habitat such as fragile gypsum soils within the Yeso Hills Research Natural Area as well as for protection of known and potential listed threatened and endangered species in the area.
SENM-S-9	NO SURFACE USE – PECOS BLUNTNOSE SHINER CRITICAL HABITAT To protect the Federally listed threatened and endangered Pecos Bluntnose Shiner (<i>Notropis simus pecosensis</i>) and designated Critical Habitat established February 20, 1987 (USFWS 1987).
SENM-S-9a	NO SURFACE OCCUPANCY – PECOS BLUNTNOSE SHINER HABITAT This stipulation is a result of Section 7 consultation of the Endangered Species Act with USFWS. No surface disturbance within 200 meters of the outer edge of the 100-year floodplain of the Pecos River.
SENM-S-10	NO SURFACE OCCUPANCY (POCO SITE) To protect and preserve sensitive archaeological and cultural resource values at the Poco Site.
SENM-S-11	NO SURFACE OCCUPANCY (PECOS RIVER/CANYON COMPLEX) To protect a combination of significant resource values within the Pecos River/Canyon Complex ACEC, including scenic landscapes, prime wildlife, threatened and endangered species habitat, and large and culturally complex archaeological sites.

SENM-S-12	<p>NO SURFACE OCCUPANCY – POTASH</p> <p>To prevent hazards to oil and gas operations from drilling through open potash mine workings, cavities or voids; to protect human health and safety during underground mining; to protect potash resources in the Secretary's Potash Area as described in the Secretarial Order, 51 Federal Register 39425(October 28, 1986).</p>
SENM-S-13	<p>CONTROLLED SURFACE USE – GUADALUPE ESCARPMENT HABITAT MANAGEMENT AREA</p> <p>To protect the sensitive resource values of the Guadalupe Escarpment Habitat Management Area no surface disturbance is allowed within 400 meters of existing and potential wildlife watering sites; riparian areas, springs, seeps, tanks or streams; or raptor nest sites which have been active for past two years. Surface use or occupancy is prohibited on slopes over 30% or on slopes over 20% if on extremely erodible or slumping soils or within identified flood hazard zones.</p>
SENM-S-15	<p>CONTROLLED SURFACE USE – WILDLIFE HABITAT PROJECTS</p> <p>Surface disturbance will not be allowed within up to 200 meters of existing or planned wildlife habitat improvement projects such as artificial watering units.</p>
SENM-S-16	<p>CONTROLLED SURFACE USE – RAPTOR NESTS AND HERONRIES</p> <p>Surface disturbance will not be allowed within up to 200 meters of active heronries and raptor nests and/or by delaying activity up to 120 days for active heronries and 90 days for raptor nests.</p>
SENM-S-17	<p>CONTROLLED SURFACE USE – SLOPES OR FRAGILE SOILS</p> <p>Surface disturbance will not be allowed on slopes over 30 percent. Occupancy or use of fragile soils (e.g. dunes, gypsum soils) will be considered on a case-by-case basis.</p>
SENM-S-18	<p>CONTROLLED SURFACE USE – STREAMS, RIVERS, FLOODPLAINS</p> <p>All or portions of the lands under this lease lie in or are adjacent to a major watercourse and are subject to periodic flooding. To protect floodplains, surface occupancy of these areas will not be allowed within up to 200 meters from the outer edge of the floodplain.</p>
SENM-S-19	<p>CONTROLLED SURFACE USE – PLAYAS AND ALKALI LAKES</p> <p>Surface disturbance will not be allowed within up to 200 meters from the edge of playas or alkali lakes.</p>
SENM-S-20	<p>CONTROLLED SURFACE USE – SPRINGS, SEEPS, TANKS</p> <p>Surface disturbance will not be allowed within up to 200 meters of earthen tanks or adjacent riparian areas; from the source of a spring or seep; or within downstream riparian areas created by flows of a spring or seep or resulting from riparian area management.</p>
SENM-S-21	<p>CONTROLLED SURFACE USE – CAVES AND KARST</p> <p>All or portions of the lease are located in a cave or karst occurrence area. Due to the sensitive nature of cave/karst systems in this area, surface disturbance will not be allowed within up to 200 meters of known cave or karst features or systems.</p>
SENM-S-22	<p>CONRTROLLED SURFACE USE – LESSER PRAIRIE CHICKEN (LPC)</p> <p>Drilling for oil or gas, and 3-D geophysical exploration will not be allowed in LPC (<i>Tympanuchus pallidicinctus</i>) habitat from March 1 through June 15. During that period noise producing activities associated with these operations will not be allowed between 3:00 a.m. and 9:00 a.m. In addition, no new drilling will be allowed within up to 200 meters of leks, and exhaust noise from pump jack engines must not exceed 75 db measured at 30 feet from the source of the noise.</p>
SENM-S-23	<p>CONTROLLED SURFACE USE – SAND DUNE LIZARD (SDL)</p> <p>Surface disturbance will not be allowed in documented SDL (<i>Sceloporus arenicolous</i>) occupied habitat areas or within up to 200 meters of suitable habitat associated with occupied habitat areas identified through field review.</p>

SENM-S-25	<p>CONTROLLED SURFACE USE – VISUAL RESOURCE MANAGEMENT (VRM)</p> <p>Special operating constraints will be required to minimize visual impacts, such as low profile tanks and selected paint colors to match predominant soil or vegetation color of the area.</p>
SENM-S-26	<p>NO SURFACE OCCUPANCY (GARNSEY BISON KILL SITE)</p> <p>To protect and preserve sensitive archaeological and cultural resource values at the Garnsey Bison Kill Site Protected Area.</p>
SENM-S-27	<p>PLAN OF DEVELOPMENT (POD)</p> <p>This stipulation is a result of Section 7 consultation of the Endangered Species Act with the USFWS. A plan of development (POD) for the entire lease must be submitted for review and approval, including NEPA analysis, by the BLM (with concurrence from any other land managing agency as appropriate), prior to approval of development (APD, Sundry Notices) actions. The POD must indicate planned access to well facilities (roads, pipelines, power lines) and the approximate location of well sites.</p>
SENM-S-28	<p>NO SURFACE OCCUPANCY – BRANTLEY LAKE STATE PARK</p> <p>All or portions of the lease are within the boundary of Brantley Lake State Park. Oil and gas lease development is prohibited within the Brantley Lake State Park.</p>
SENM-S-30	<p>NO SURFACE OCCUPANCY – POTASH AREA</p> <p>All or portions of the lease are over known potash deposits. In addition to the SENM-S-1, no surface occupancy will be allowed.</p>
SENM-S-31	<p>CONTROLLED SURFACE USE – NORTHERN APLOMADO FALCON SUITABLE HABITAT</p> <p>To protect suitable Aplomado Falcon (<i>Falco femoralis</i>) habitat and manage oil and gas development in the Hope, NM study area, a plan of development (POD) will be required for the entire lease if suitable habitat exists within lease boundaries.</p>
SENM-S-32	<p>CONTROLLED SURFACE USE - VRM CLASS III, GUADALUPE ESCARPMENT SCENIC AREA</p> <p>All or portions of the lease are located within the Guadalupe Escarpment Scenic Area. Special operating constraints will be required to minimize visual impacts, including minimized pad size, low profile facilities, and selected paint colors, as well as interim reclamation of the pad upon completion of a well.</p>
SENM-S-34	<p>PLAN OF DEVELOPMENT – LESSER PRAIRIE CHICKEN, SAND DUNE LIZARD</p> <p>The lease contains habitat suitable for LPC and/or SDL or with habitat manipulation the area could become suitable habitat. In order to reduce the amount of surface disturbance a POD for the entire lease will be required.</p>
SENM-S-35	<p>NO SURFACE OCCUPANCY – SAND DUNE LIZARD</p> <p>All or a portions of the lease are within habitat suitable for SDL. Federal minerals may be leased under suitable sand dune complexes with a NSO. The lease may be developed by directional drilling from a surface location outside of the designated NSO portion of the lease, with the bottom hole located within the lease.</p>
SENM-S-39	<p>PLAN OF DEVELOPMENT</p> <p>A POD must be submitted prior to approval of development actions.</p>
SENM-S-40	<p>NO SURFACE OCCUPANCY – NEW MEXICO MILITIA SITE</p> <p>No surface occupancy is allowed on all or portions of the lease in order to provide for safety of the public that utilize the Carlsbad Municipal Shooting Range.</p>
SENM-S-41	<p>NO SURFACE OCCUPANCY – GUADALUPE ESCARPMENT ZONE 1</p> <p>All or portions of the lease lie within Zone 1 of the Guadalupe Escarpment Scenic Area as described in the Carlsbad RMP. A NSO is required in order to protect highly sensitive visual areas.</p>
SENM-S-42	<p>CONTROLLED SURFACE USE - SOUTHERN GUADALUPE ESCARPMENT</p>

	<p>RESOURCES</p> <p>Special operating constraints within the Southern Guadalupe Escarpment Scenic Area will be required for protection of karst groundwater, hydrology, springs, riparian areas, wildlife, fragile soils, VRM, and to facilitate resource reclamation.</p>
SENM-S-43	<p>NO SURFACE OCCUPANCY – PECOS RIVER CORRIDOR SRMA</p> <p>NSO will be required for lands within the Pecos River Corridor Special Recreation Management Area (SRMA) in order to protect a combination of significant natural resource values including highly sensitive scenic landscapes, erosive soils, prime wildlife habitat, and for the protection of the scarce water-based and semi-primitive recreation activities.</p>
SENM-S-46	<p>PLAN OF DEVELOPMENT/SURVEY REQUIREMENTS – SDL</p> <p>In order to manage suitable habitat for SDL, a survey for occupied and suitable sand dune lizard habitat for the entire lease is required. Based on the results of the surveys, a POD may be required.</p>
SENM-LN-1	<p>LEASE NOTICE – POTENTIAL CAVE OR KARST OCCURRENCE AREA</p> <p>All or portions of the lease are located in a potential cave or karst occurrence area. Special protective measures may be developed during environmental analyses and may be required as approvals for drilling or other operations.</p>
SENM-LN-2	<p>LEASE NOTICE – PROTECTION OF THE SDL</p> <p>All or portions of the lease may contain suitable and occupied habitat of the SDL. The lessee may be required to conduct an examination of the lands to determine the occurrence of the SDL. Exploration and lease development may be limited to areas outside of suitable or occupied habitat and Conditions of Approval (COA) may be developed to protect habitat.</p>
SENM-LN-3	<p>LEASE NOTICE - PROTECTION OF ENDANGERED OR THREATENED OR SENSITIVE SPECIES</p> <p>The lease areas may contain essential habitat for the continued existence of Kuenzler Hedgehog Cactus (<i>Echinocereus fendleri</i> var. <i>Kuenzleri</i>). Leased lands are to be examined prior to undertaking any surface disturbing activities to determine effects on any plant or animal species listed or proposed for listing as endangered or threatened or their habitats in accordance with Section 6 of the lease terms and in order to comply with the Endangered Species Act of 1972. Lease restrictions and COAs may be required.</p>
NMLN-11	<p>LEASE NOTICE – CULTURAL RESOURCES</p> <p>All development activities proposed under the authority of this lease are subject to compliance with Section 106 of the National Historic Preservation Act and Executive Order 13007. Compliance could require intensive cultural resource inventories, Native American consultation and mitigation measures to avoid adverse effects.</p>
NM-9	<p>NO SURFACE OCCUPANCY – POOLING PURPOSES ONLY</p> <p>NSO is allowed for participation in a unit or for pooling purposes only.</p>

Robert Pawelek – Natural Resource Specialist
BLM-CFO
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