

## Bureau of Land Management, Interior

## § 3590.2

or waste disposal in a manner which, among other things, will prevent or control on-site or offsite damage to the environment.

(h) *Ultimate maximum recovery* means that all portions of a leased Federal mineral deposit shall be mined, based on standard industry operating practices. The requirement to achieve ultimate maximum recovery does not in any way restrict the authorized officer's authority to ensure the conservative of the mineral resource and protection of the other resources.

### § 3590.0-7 Scope.

The regulations in this part govern operations for the discovery, testing, development, mining, reclamation, and processing of all minerals under lease, license or permit issued for Federal lands under the regulations in Group 3500 of this title or part 3140 of this title. For operations, involving the extraction of hydrocarbon from tar sands or oil shale by in-situ methods utilizing boreholes or wells, part 3160 of this title is applicable. These regulations also govern operations for all minerals on Indian tribal lands and allotted Indian lands leased under 25 CFR parts 211 and 212. Further, when the regulations in this part related to matters included in 25 CFR part 215 or 216 the regulations in this part shall be considered as supplemental and the regulations in 25 CFR part 215 or 216 shall govern to the extent of any inconsistencies.

### § 3590.2 Responsibility of the authorized officer.

The authorized officer shall regulate prospecting, exploration, testing, development, mining, processing operations, and reclamation authorized under this part. The duties of the authorized officer include, but are not limited to, the following:

(a) Approval of operating plans and plan modifications after preparation of appropriate environmental analyses. Prior to approving a plan, the authorized officer shall consult with the agency having jurisdiction over the lands with respect to the surface protection and reclamation aspects of such plan.

(b) Inspection, at least quarterly, of leased, licensed or permitted lands

where operations for discovery, testing, development, mining, reclamation, or processing of minerals are being conducted.

(c) Inspection and regulation of such operations for the purpose of preventing waste of mineral substances or damage to formations and deposits containing them, or damage to other formations, deposits or nonmineral resources affected by the operations.

(d) Inspecting exploration and mining operations to determine the adequacy of water management and pollution control measures taken for the protection of the quality of surface and groundwater resources and the adequacy of emission control measures taken for the protection of air quality. Such inspection shall be conducted as necessary and shall be fully coordinated with all State and Federal agencies having jurisdiction.

(e) Requiring operators to conduct operations in compliance with established requirements, including the law, regulations, the terms and conditions of the lease, license or permit, the requirements of approved exploration or mining plans, notices and orders and special stipulations.

(f) Obtaining the records of production of minerals and other information as necessary in order to verify that production reported to the Minerals Management Service for royalty purposes is an accurate accounting of minerals produced.

(g) Acting on applications for suspension of operations and production filed under §3503.3 of this title and terminating such suspensions when conditions warrant. The authorized officer shall, upon request, assist in review of applications for suspension of operations and production on Indian lands which are filed under the provisions of 25 CFR parts 211 and 212.

(h) Upon receipt of a written request for cessation or abandonment of operations, inspecting the operations and determining whether they are in compliance with established requirements. The authorized officer shall, in accordance with applicable procedures, consult with, or obtain the concurrence of the State or Federal agency having jurisdiction over the lands with respect

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to the surface protection and reclamation requirements of the lease, license or permit and the exploration or mining plan.

(i) Acting on any mineral trespass on Federal or Indian lands in accordance with part 9230 of this title. The surface managing agency, if other than the BLM, shall be notified of any mineral trespass and the planned enforcement action.

(j) Implementing General Mining Orders and issuing other orders, making determinations and providing concurrence and approvals as necessary to implement or assure compliance with the regulations in this part. Any verbal orders, approvals or concurrences shall be promptly confirmed in writing.

### **Subpart 3591—General Obligations of Lessees, Licensees and Permittees**

#### **§ 3591.1 General obligations of lessees, licensees and permittees.**

(a) Operations for the discovery, testing, development, mining or processing of minerals shall conform to the established requirements.

(b) The surface of lease, license or permit lands shall be reclaimed in accordance with established requirements. Lessees, licensees or permittees shall take such action as may be needed to avoid, minimize or repair:

- (1) Waste and damage to mineral-bearing formations;
  - (2) Soil erosion;
  - (3) Pollution of the air;
  - (4) Pollution of surface or ground water;
  - (5) Damage to vegetation;
  - (6) Injury to or destruction of fish or wildlife and their habitat;
  - (7) Creation of unsafe or hazardous conditions;
  - (8) Damage to improvements; and
  - (9) Damage to recreation, scenic, historical and ecological values of the lands.
- (10) Damage to scientifically significant paleontological and archaeological resources.

(c) All operations conducted under this part shall be consistent with Federal and State water and air quality standards.

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(d) Inundations, fires, fatal accidents, accidents threatening damage to the mine, the lands or the deposits, or conditions which could cause water pollution shall be reported promptly to the authorized officer. The notice required by this section shall be in addition to any notice or reports required by 30 CFR part 56 or 57, or other applicable regulations.

#### **§ 3591.2 Forms and reports.**

The operator shall submit production and royalty forms and reports to the Minerals Management Service in accordance with 30 CFR parts 216 and 218.

### **Subpart 3592—Plans and Maps**

#### **§ 3592.1 Operating plans.**

(a) Before conducting any operations under any lease(s), license(s), or permit(s), the operator shall submit to the authorized officer an exploration or mining plan which shall show in detail the proposed exploration, prospecting, testing, development or mining operations to be conducted. Exploration and mining plans shall be consistent with and responsive to the requirements of the lease, license or permit for the protection of nonmineral resources and for the reclamation of the surface of the lands affected by the operations on Federal or Indian lease(s), license(s), or permits. The authorized officer shall consult with any other agency involved, and shall promptly approve the plans or indicate what additional information is necessary to conform to the provisions of the established requirements. No operations shall be conducted except as provided in an approved plan.

(b) The exploration plan shall be submitted in accordance with mineral specific regulations in Group 3500 of this title (See subparts 3512, 3522, 3532, 3542, 3552 and 3562) and in accordance with 25 CFR 216.6 for Indian lands.

(c) The lessee/operator shall submit 2 copies of the mining plan to the authorized officer for approval. An additional copy shall be submitted if the surface managing agency is other than the BLM. The mining plan shall contain, at a minimum, the following: