and elevation of the top of the coal beds.

(d) *Vertical projections and cross sections of mine workings.* When required by the authorized officer, vertical projections and cross sections shall accompany plan views.

(e) *Accuracy of maps.* The accuracy of maps furnished shall meet standards acceptable to the authorized officer and shall be certified by a professional engineer, professional land surveyor, or other such professionally qualified person.

(f) *Liability of operator/lessee for expense of survey.* If the operator/lessee fails to furnish a required or requested map within a reasonable time, the authorized officer, if necessary, shall employ a professionally qualified person to make the required survey and map, the cost of which shall be charged to, and promptly paid by, the operator/lessee.

(g) *Incorrect maps.* If any map submitted by an operator/lessee is believed to be incorrect, and the operator/lessee cannot verify the map or supply a corrected map, the authorized officer may employ a professionally qualified person to make a survey and any necessary maps. If the survey shows the maps submitted by the operator/lessee to be substantially incorrect, in whole or in part, the cost of making the survey and preparing the maps shall be charged to, and promptly paid by, the operator/lessee.

Subpart 3483—Diligence Requirements

§ 3483.1 Diligent development and continued operation requirement.

(a) *General requirements.* (1) Except as provided at paragraph (b) of this section, each Federal coal lease and LMU is required to achieve diligent development.

(2) Once the operator/lessee of a Federal coal lease or LMU has achieved diligent development, the operator/lessee shall maintain continued operation on the Federal lease or LMU for every continued operation year thereafter, except as provided in § 3483.3 of this title.

(b) Federal coal leases issued prior to August 4, 1976, until the first readjustment of the lease after August 4, 1976, shall be subject to the Federal lease terms, including those that describe the minimum production requirement, except that:

(1) An operator/lessee holding such a lease may elect to be subject to the rules of this part by notifying the authorized officer in writing prior to August 30, 1983.

(i) Such election shall consist of a written request, in triplicate, to the authorized officer that a Federal lease(s) be subject to the rules of this part, and shall contain the following—

(A) Name and address of the operator/lessee of record.

(B) Federal lease number(s).

(C) Certified record of annual Federal coal production since August 4, 1976, for the Federal lease(s) that the operator/lessee requests to have credited toward diligent development in accordance with § 3483.5 of this title.

(ii) Upon verification by the authorized officer of the reported annual Federal coal production, the authorized officer shall notify the operator/lessee by certified mail, return receipt requested, that the election has been approved. The effective date of the election shall be the most recent royalty reporting period prior to the submittal of the election to the authorized officer.

(2) Upon the effective date of the first lease readjustment after August 4, 1976, all such Federal leases shall be subject to the rules of this part.

(c) Any Federal coal lease included in an LMU shall be subject to the diligent development and continued operation requirements imposed on the LMU in lieu of those diligent development and continued operation requirements that would apply to the Federal lease individually.

[47 FR 33179, July 30, 1982; 47 FR 53366, Nov. 26, 1982. Redesignated at 48 FR 41589, Sept. 16, 1983]

§ 3483.2 Termination or cancellation for failure to meet diligent development and maintain continued operation.

(a) Any Federal coal lease or LMU which has not achieved diligent development shall be terminated by DOI.

(b) After an LMU has been terminated under the provision of paragraph (a) of this section, any Federal coal lease included in that LMU shall then be subject to the diligent development and continued operation requirements that would have been imposed on that Federal lease by the rules of this part, as if the Federal lease had not been included in the LMU.

(c) Any Federal coal lease on which continued operation is not maintained shall be subject to cancellation.

(d) The DOI may cancel any Federal coal lease or LMU which fails to meet the requirement for submission of a resource recovery and protection plan.

§ 3483.3 Suspension of continued operation or operations and production.

(a) Applications for suspensions of continued operation must be filed in triplicate in the office of the authorized officer. The authorized officer, if he or she determines an application to be in the public interest, may approve the application or terminate suspensions that have been or may be granted.

(1) The authorized officer must suspend the requirement for continued operation by the period of time he or she determines that strikes, the elements, or casualties not attributable to the operator/lessee have interrupted operations under the Federal coal lease or LMU.

(2) The authorized officer may suspend the requirement for continued operation upon the payment of advance royalty in accordance with § 3481.0–6 of this title for any operation. The authorized officer, upon notifying the operator/lessee 6 months in advance, may cease to accept advance royalty in lieu of the requirement for continued operation.

(b) In the interest of conservation, the authorized officer is authorized to act on applications for suspension of operations and production filed pursuant to paragraph (b) of this section, direct suspension of operations and production, and terminate such suspensions which have been or may be granted. Applications by an operator/lessee for relief from any operations and production requirements of a Federal lease shall contain justification for the suspension and shall be filed in triplicate in the office of the authorized officer.

(1) A suspension in accordance with paragraph (b) of this section shall take effect as of the time specified by the authorized officer. Any such suspension of a Federal coal lease or LMU approved by the authorized officer also suspends all other terms and conditions of the Federal coal lease or LMU, for the entire period of such a suspension. Rental and royalty payments will be suspended during the period of such suspension of all operations and production, beginning with the first day of the Federal lease month on which the suspension of operations and production becomes effective. Rental and royalty payments shall resume on the first day of the Federal lease month in which operations or production is resumed. Where rentals are creditable against royalties and have been paid in advance, proper credit shall be allowed on the next rental or royalty on producing Federal leases due under the Federal lease.

(2) The minimum annual production requirements shall be proportionately reduced for that portion of a Federal lease year for which suspension of operations and production is directed or granted by the authorized officer, in the interest of conservation of recoverable coal reserves and other resources, in accordance with paragraph (b) of this section.

(3) The term, including the diligent development period, of any Federal lease shall be extended by adding to it any period of suspension in accordance with paragraph (b) of this section, of operations and production.

(4) A suspension in accordance with paragraph (b) of this section does not suspend the permit and the operator/lessee's reclamation obligation under the permit.

[47 FR 33179, July 30, 1982; 47 FR 53366, Nov. 26, 1982. Redesignated at 48 FR 41589, Sept. 16, 1983, and amended at 53 FR 49986, Dec. 13, 1988; 62 FR 44370, Aug. 20, 1997]

§ 3483.4 Payment of advance royalty in lieu of continued operation.

(a) Advance royalty may only be accepted in lieu of continued operation