

premises fully, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

(b) In case of a lode and mill-site claim in the same survey the expenditure of \$500 must be shown upon the lode claim.

§ 3861.2-3 Mineral surveyor's report of expenditures and improvements.

(a) In the mineral surveyor's report of the value of the improvements all actual expenditures and mining improvements made by the claimant or his grantors, having a direct relation to the development of the claim, must be included in the estimate.

(b) The expenditures required may be made from the surface or in running a tunnel, drifts, or crosscuts for the development of the claim. Expenditures for drill holes for the purpose of prospecting and securing data upon which further development of a group of lode mining claims held in common may be based are available toward meeting the statutory provision requiring an expenditure of \$500 as a basis for patent as to all of the claims of the group situated in close proximity to such common improvement. Improvements of any other character, such as buildings, machinery, or roadways, must be excluded from the estimate, unless it is shown clearly that they are associated with actual excavations, such as cuts, tunnels, shafts, etc., are essential to the practical development of and actually facilitate the extraction of mineral from the claim.

(c) Improvements made by a former locator who has abandoned his claim cannot be included in the estimate, but should be described and located in the notes and plat.

§ 3861.2-4 Supplemental proof of expenditures and improvements.

If the value of the labor and improvements upon a mineral claim is less than \$500 at the time of survey the mineral surveyor may file with the cadastral engineer supplemental proof showing \$500 expenditure made prior to the expiration of the period of publication.

§ 3861.2-5 Amended mineral surveys.

(a) Inasmuch as amended surveys are ordered only by special instructions from the Bureau of Land Management, and the conditions and circumstances peculiar to each separate case and the object sought by the required amendment, alone govern all special matters relative to the manner of making such survey and the form and subject matter to be embraced in the field notes thereof, but few general rules applicable to all cases can be laid down.

(b) The expense of amended surveys, including amendment of plat and field notes, and office work in the Bureau of Land Management office will be borne by the claimant.

(c) The amended survey must be made in strict conformity with, or be embraced within, the lines of the original survey. If the amended and original surveys are identical, that fact must be clearly and distinctly stated in the field notes. If not identical, a bearing and distance must be given from each established corner of the amended survey to the corresponding corner of the original survey. The lines of the original survey, as found upon the ground, must be laid down upon the preliminary plat in such manner as to contrast and show their relation to the lines of the amended survey.

§ 3861.3 Mineral surveyors.

§ 3861.3-1 Extent of duties.

The duty of a mineral surveyor in any particular case ceases when he has executed the survey and returned the field notes and preliminary plat, with his report, to the cadastral engineer. He will not be allowed to prepare for the mining claimant the papers in support of his application for patent. He is not permitted to combine the duties of surveyor and notary public in the same case by administering oaths. It is preferable that both preliminary and final oaths of assistants should be taken before some officer duly authorized to administer oaths, other than the mineral surveyor. In cases, however, where great delay, expense, or inconvenience would result from a strict compliance with this section, the mineral surveyor is authorized to administer the necessary oaths to his assistants, but in