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  - B. Assistant Director for Administration
  - C. Chief, Division of Information Systems
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- .01 <u>Purpose</u>. This section describes each component of the new land status records system and the general principles applicable to each, including instructions for record maintenance.
- .02 <u>Objectives</u>. The objective is to record and determine the current and historical status of lands and resources under the Bureau's jurisdiction through a modern, efficient, uniform system.
- .03 Authority. Congress authorized the establishment and installation of the new records system in its appropriation of funds for the Department of the Interior for fiscal year 1956 and has continued, in annual appropriations, funds for the installation of the system for the remaining public land States.

# .04 Responsibility.

- A. <u>Director</u>, <u>Associate Director</u>, <u>Deputy Director for Management Services</u>. The Director has ultimate responsibility for management of the total program. This responsibility is delegated through the Associate Director and Deputy Director for Management Services to the Assistant Director for Administration.
- B. Assistant Director for Administration. The Assistant Director for Administration provides overall direction and evaluation of records system and programs through the Chief, Division of Information Systems.
- C. Chief, Division of Information Systems. The Chief, Division of Information Systems, is designated as the Records Officer of the Bureau of Land Management. He/She is responsible for developing, coordinating, and supervising the Land Status Record Program of the Bureau.
- 1. Provides technical direction for updating, maintenance, and uniformity of the system.
- 2. Authorizes departures or modifications in the basic land status records system.
- 3. Conducts evaluations of the systems' effectiveness and uniformity in all offices.
- D. <u>Director</u>, <u>Service Center</u>, through the Chief, <u>Division of Records</u> <u>Systems</u>, <u>Service Center</u>.
- 1. Provides assistance in developing and updating existing status records system.
- 2. Evaluates the status records system's effectiveness and uniform operation in all offices.

- 3. Participates in the conduction of evaluations or studies to determine feasibility and benefits of a whole or partial automated land status system.
- 4. Recommends changes in procedures to the Director (871) for the Director's approval.
- 5. Participates in the design, development, and installation of the automated records system.
- 6. Provides technical assistance to the States for updating existing systems and selection of new equipment.
- E. <u>State Director</u>. State Directors assure that the land status records system in offices under their jurisdiction is maintained and operated in accordance with the requirements and standards prescribed herein.

# .05 Definitions. (Reserved)

.06 Policy. Until the prescribed instructions contained in this Manual Section are changed by Interior Directive, Bureau Directive, revision, or law, it is mandatory that all BLM Offices engaged in drafting Land Status Records abide by these directives. Legal requirements in court cases and adjudication must be sustained by the Land Status Records and their supportive documents. It is also mandatory that the standards set herein be observed in all offices. It is of great importance that survey, title, and lease information be posted to the records in a timely manner, but more important is the high degree of accuracy required for each delineation and annotation. It is required that all employees working in the land status section meet minimum skill, knowledge, and performance requirements. Supervisors are responsible for ensuring that employees meet these requirements through land status training approved by the Bureau. Assistance for training is to be obtained from the Division of Records Systems (D-240), Denver Service Center.

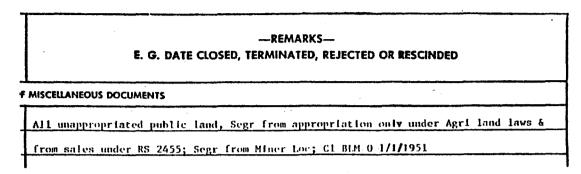
- .1 <u>Installation of Records for Public Use</u>. Initial installation of the land status records in a State Office provides the reference records for a given number of townships in a specific area of a meridian. Installation of records for the remaining townships in a State are accomplished progressively.
- .11 Notice of Initial Installation. Five work days prior to initial installation of reference records for public use, written notice is prominently posted on the bulletin board in the State Office.
  - A. Content of Notice. The notice must contain as a minimum:
    - 1. Installation Hour and Date.
- 2. Identification of Townships. Identification of townships for which new status records will be installed.
- 3. <u>Notice of Discontinuation</u>. Notice of the discontinuation of notation of tract books and status plats as of the date and time of installation.
- 4. Notice of Availability. Notice of the availability of tract books and status plats for reference purposes but at the risk of the user.
- 5. Notice of Official Status. Notice of the official status of the records from the time and date of installation.
- .12 <u>Subsequent Installations</u>. Subsequent installations are announced at least 1 work day, but not more than 5 days, prior to installation. The notice must contain the same information as required for initial installations.
- .13 Noting of Tract Books. Concurrently with installation of reference records for public use, notation of tract books and status plats is discontinued for townships for which the reference records are installed. Note on each page of the tract books for each township installed, "Post to New Records."
- .14 Index to Land Status Records. Prior to or concurrently with the installation of reference records, index a wall chart or State map to identify the binder or file cabinet where township reference records are filed. Display the index in a prominent location in the State Office for convenience of the general public.

- .2 Posting of Land Status Records. Land Status Records are comprised of the following basic elements:
- a. the Historical Index (HI) upon which all actions that affect title to Federal Lands are recorded in chronological order;
- b. the Master Title Plat (MTP) which is a graphic representation or "map" of each township showing all actions affecting title.

The Mineral Location and Contest Sheet uses the format of the HI and is used to record mining claim litigations and contest actions. Use plats are copies of the MTP showing specific information, such as leases for minerals, etc.

- .21 <u>Standards</u>. Criteria set in this Manual Section is designed to meet recordation requirements to bring BLM Land Status Records to a point of uniformity that will enhance their many uses. (see Illustration 1.)
- A. <u>Historical Index and Mineral Location and Contest Sheet Index</u>. Type all entries using same style type or nearest equivalent to that used in the initial installation of records. Use a carbon nonsmearing black ribbon. Boldface type is to be used for the purpose of microfilming.
- 1. <u>Punctuation</u>. Punctuation of all information on the HI is to be standardized as follows:
  - a. No period after any abbreviation.
- b. Use a slash to separate dates (example: 4/2/33) and initials.
- c. Use a dash to separate patent coding (example: 43-75-027).
- d. Use a space between designations (example: U 0950 or DLE Apln).
- e. No period used in "Kind of Entry." A period is acceptable only in "Remarks," for purposes of sentence punctuation.

(1) No punctuation at the end of the last remark. A semicolon is inserted only when another remark is added and is then inserted preceding the new remark.

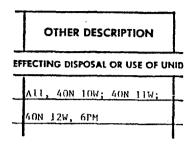


- (2) Each change of thought in "Remarks" and "Other Description" columns is separated by a semicolon (;);1 e.g., M&B; 7S15E SLM).
- (3) Use no punctuation between range and meridian. At the end of such description, use a semicolon rather than a period to separate it from the next thought. (See .21Ale(1).)
- (4) If a description uses aliquot parts, separate the descriptions by a comma. A comma is also used to separate elements within the structure of a thought.

# —REMARKS— E. G. DATE CLOSED, TERMINATED, REJECTED OR RESCINDED MISCELLANEOUS DOCUMENTS Title to State vested on approval of Sur, Subj to prior rights Subj to all prior existing rights or claims

- (a) In a legal description, absence of punctuation means "of the"; e.g., NE1/4 SW1/4 is read as Northeast quarter "of the" Southwest quarter.
- (b) A comma in a legal description means "and"; e.g., NE 1/4 SW 1/4 is read as Northeast quarter and Southwest quarter.

(5) Different townships involved in "Other Description" are separated by a semicolon.



- 2. Abbreviations. Abbreviate whenever possible, but use only the standard abbreviations in Appendix 1. New abbreviations must be reviewed and approved by the Director (871) before use.
- 3. <u>HI Entries</u>. Make all entries in chronological (date) order. If two or more entries have the same date, enter them in document number order.
- a. In actions listing multiple sections, enter each section number on a separate line in numerical sequence.
- (1) At the discretion of the records supervisor, enter each section number on a separate line in numerical sequence, if there are three or less sections in an action.
- (2) Actions with more than three sections in the same township may be entered on a single line using a hyphen (meaning "through") between the first and last section, so long as the sequence is not broken by the deletion of any parcel of land.

SECTION OR TRACT		SUBDIVISION																
	NE ¼				· NW ¼			SW ¼					SE	: ¼		LOTS	OTHER DESCRIPTION	
	NE	иw	sw	SE	NE	иw	sw	SE	ΝĒ	NW	sw	SE	ΝE	иw	sw	SE	FOR ORDERS E	FFECTING DISPOSAL OR USE OF UNI
1-8						_				_			_					ΛU
1-19																	·····	VIT
20	х	X	×	X									خا	x			· · · · · · · · · · · · · · · · · · ·	
21-30																		VII

- b. Capital X's are used in subdivision information on the HI.
- c. Descriptions which do not fit into aliquot parts or the lot columns are shown in the "Other Description" column; e.g., metes and bounds or other townships, or "See Remarks." In "Remarks," place the aliquot parts. Up to 22 spaces or digits may be entered in the "Other Description" column.
- d. When there are too many lots for the "Lots" column, enter "See Rmks" in the "Lots Column," in the "Remarks" column, enter the word "Lots" and then list the lots in numerical order. (Six single lots or four double lots may be entered in the "Lots" column.)
  - (1) Do not enter any other information in the "Lots" column.
- (2) When two or more townships are involved in a case, enter other township(s) or key township in the "Other Description" column.
- (a) When there is not enough room for entering all townships, type "See Rmks" in "Other Description" column. Type "Other Tp(s)" in "Remarks" column and list townships in preferred order or description.
- (i) Preferred order to list multiple townships is by Range (lowest number first), followed by Township (lowest number first).
- (ii) Preferred order to list townships by quadrant is the northeast, northwest, southwest, and southeast (counterclockwise around the initial point).
- (iii) Preferred order to list sections is by the lowest numbered section/tract first, giving any lot numbers in order, followed by quarter sections beginning with the NE followed by the NW, SW, and SE. When subdivisions or the quarter section are described, use the same counter clockwise order.
- e. Leave blank approximately five lines at the bottom of the HI page (for the typing of a late or misplaced entry). Prepare a new page when needed and continue with the next entry.
  - 4. HI Format. Use preprinted HI vellum BLM Form 1275-4.

- 5. Microfilm. Vellum, preprinting, Leroy lettering, and typing of HI's must conform to microphotographic techniques as stated in BLM Manual Section 1276.
- a. Data entered on HI's by drafting methods, typewriting, automatic calligraphy devices, and varityping, must have a line thickness of .18mm.
- B. Master Title and Use Plats. All newly drafted Master Title, Use, and Supplemental Plats must conform to the drafting standards in Appendix 2. The following statement is to be applied to all plats and located approximately 3 inches to the right of the bar scale and approximately 1/2 inch below and parallel to the normal base line of the township diagram. (See sample plats, Appendix 2.) The plat is the Bureau's Record of Title and is to be used only as a graphic display of township survey data. Records hereon do not reflect title changes which may have been effected by lateral movements of rivers or other bodies of water. Refer to cadastral surveys for official survey information.
- 1. <u>Survey</u>. All title plats are drafted from information abstracted, compiled, and composed from the lastest approved U.S. Government Survey Plats, survey field notes, and protraction diagrams. All title plat maps are updated to show the latest-accepted cadastral survey. All approved surveys directly affect use of the records and are to be delineated on the title records as soon as possible.
- a. Annotate notice of pending survey or resurvey in right hand margin of Master Title and Use Plats.

Resurvey,	part	of	a11	(specify)	Township
Under Grou	ıp No.				
Date				-	

Remove notation when survey has been approved and delineated to MTP and Use Plate.

b. Total survey information shown is limited to the format on the plats. (See sample basic plat and sample basic supplemental plat in Appendix 2.)

- (1) Tolerances of three chains (1 1/2 chains) or three degrees ( $\pm$  1 1/2 degrees) per mile is allowed from the corner points or intersection of survey lines as shown on the cadastral survey plats, whichever is less.
- (2) If cadastral survey plats show water areas, such as rivers or lakes, and they are segregated by lotting, do not extend section lines through the water areas.
- (a) Water areas shown on protraction diagrams are not generally segregated. Section lines are extended through these areas, if shown on the diagrams.
- (3) When sectional offsets within and around a township are shown on the cadastral survey plat, they must be shown on the MTP and Use Plats.
- (4) No section lines are drawn through surveys, such as mineral, homestead, etc.
- (5) When special surveys extend to another township and the lines of survey can be completed within 15 chains (30 scale) from the township boundary, completely draft the survey.
- (a) If the lines of a survey extend beyond 15 chains, leave the survey open and extend the lines only 10 chains from the township boundary.
- (6) Section numbers as a general rule should be positioned at or near the center of the section.
- (7) Plot and symbolize U.S. mineral monuments on all working records only when a mineral survey is tied to the monument. Center dot in symbol represents geographic location of monuments.
- (a) Line weights and lettering must conform to standards in Appendix 2.
- (8) Half townships are to be positioned on the plat in their respective position (section numbering), as if a full township were shown.
- 2. <u>Drafting Standards</u>. Standards for drafting all BLM Title Records must be maintained at or above the standards in Appendix 2 and in BLM Manual Section 1276, and must meet the objectives of U.S. laws and regulations governing recordation of public land use and title. Preprinted standard township grids may be used.
- a. Permanent delineations, where practical, are drawn on the back (reverse reading) side of working records.

- b. Annotations and temporary delineations (short term) are drawn on the face (right reading) side of working record.
- c. Use technical drafting pens with metric point sizes. (See Technical Pen-size Conversion Table, Page iii, Appendix 2.)
- d. Carbide-tipped pens are recommended for use on polyester films.
- e. Working records are 2, 3, 4 or 5 mil. polyester reproductions from vellum originals.
  - f. Supplemental Plats must be abstracted and drafted when:
- (1) The action to be platted is in a congested area or too complicated to show at the 30 chain scale.
- (a) Supplemental Plat scales are 50 X 10 chains per inch. (See "Supplemental Scales" drafting aids, Appendix 2.)
- (b) The supplemental plat number appears on the MTP below the section number. All title and survey information is removed from the annotated section.
- g. Rights-of-Way too small to be plotted, or those with no map, must be annotated in the "Remarks" column of all working records.
- h. Do not cover "Lot Ticks" with any delineation other than Patent Lines.
- i. Do not cover any pertinent information with other information. When necessary to arrow annotations, position arrow point inside the area being designated.
  - j. Identify all names of adjoining States or meridians.
- (1) Spread names a maximum of 100 chains in length as shown in Appendix 2, Drafting Aids. When space is limited, spread names through existing area.
- k. Adjoining oceans, bays, lakes, rivers, and other major water areas are to be named. (See Appendix 2, Sample Plat, for lettering size.)
- $\,$  1. Do not use prepared border tapes with diazo reproduction machines or microfilming.
  - m. All symbols on plats must meet Bureau standards.

- (1) All symbols (line and figure) must be draftable by instrument, template.
- (2) Use shading film of the self-adhesive, heat-resistant, type, preferrably "Mylar" (polyester) matte surface film.
- (3) "Rub-on" lettering, symbols, and lines are permissable, if they conform to standards in Appendix 2.
- (4) County lines are to be depicted by a five-chain, wide-cut strip of shading film centered over boundary.
- (a) Submit any new symbols with "how to draw" instructions on blank format sheets, provided in Appendix 2, to the Director (871).
- 3. Abbreviations. Appendix 1 lists standard abbreviations to be used on plats accepted by the Bureau.
  - a. Abbreviate whenever possible.
  - b. Use only accepted abbreviations.
  - c. Capitalize the first letter of any abbreviated word.
- d. Submit any new abbreviations to the Director (871) for final approval.
- 4. <u>Posting</u>. Posting of delineations and annotations to the land status plats must be conducted according to legal and technical guidelines and in a professional manner to provide a usable record for Bureau and public needs.
- a. Line sequence, regardless of chronological order, is as follows: (See Illustration 2.)
  - (1) Patent.
  - (2) Withdrawal (oldest first)/Classification.
  - (3) Designated Areas.
  - (4) PL 167.
  - (5) Lease.
- (a) All lines are to be separated by 1 1/2 chains (30 scale) to meet specifications for microfilming.

- (b) Avoid using the marginal "Remarks" column, if an action can be platted. If finer detail is required, produce a supplemental plat.
- (i) Exceptions are entire township delineations, such as withdrawals, Public Law 167, Known Geological Structure Entries, etc., which are not plotted.
- (c) If two or more withdrawals cover the identical area, use one symbol line and stack the annotations at the bottom of the area. (See Illustration 2, Section 31.)
  - (d) Post all title changes to all working title plats.
- (1) Post all <u>applications</u> which can result in a patent on all working title plats with a patent line.
- (2) Corporate townsites affect mineral leasing. Corporate townsites covering public land or reserved minerals are to be plotted to the MTP. (See 1275, Appendix 2, Page 27, for procedure and lettering size.)
- b. All rights-of-way are to be annotated with width from center line, or half the total width.
- (1) Refer to all documentation in case file to determine final width.
- (a) Annotations for rights-of-way show half the total width only when width is identical on both sides of the center line. (See Illustration 1, Section 17.)
- (b) If distance from centerline is different or variable, do not indicate width on MTP other than variable (var). Annotate on HI as variable in the "Kind of Entry" column.

Plats

HI

Examples:

NM 2027 Var

R/W Var Kelley Scenic Drive

- c. Status annotations are to be placed when possible at bottom center of the area outlined.
- (1) Subsequent annotations are to be stacked above previous entries.
- d. If an easement is acquired by BLM across patented land, indicate serial number, width, and easement to the United States. (See 21B5b(12).)

U 19760 50'

Example:

Esmt to US

- (1) For acquired rights-of-way other than BLM, annotate with the abbreviation of that agency.
- (2) Enter any acquired easement in the "Remarks" column on the public domain (HI.)
- C. Maintenance and Quality Control. Subsequent use of the new records in reproduction equipment and regular updating of information will cause normal wear and possible damage to the master copies.
- 1. Any New or Replacement Plats. Any new or replacement plats must comply with Appendices 1 and 2 and BLM Manual Section 1276, Micrographics.
- a. Working copies of films and vellums are to be replaced, if damaged to the point that they are unreadable or incomplete.
- .22 <u>Land Disposal Cases</u>. All cases and actions which affect status of land and/or resources are posted to the land status records.
- A. Application for Entry on Public Lands and Other Applications for Land Title.
- 1. Applications Not Required. Applications are not required to be posted to the Master Title and Use Plats unless they designate, segregate, or otherwise withdraw public lands. (See 43 CFR 1810.)
- 2. Not to be Posted. Do not post to the Historical Index, except when an application has a segregative effect under applicable regulations.
- 3. Delineate on Plats. Delineate on the plats the perimeter of the lands applied for. Use appropriate weight metric line.
- 4. <u>Serial Number</u>. Enter serial number within and near the lower portion of the delineation.
- 5. Abbreviation. Place the abbreviation for type of entry or type of application and the abbreviation for applications (Apln) immediately below the serial number. (See Illustration 1, Section 5.)

- B. Rejection and/or Withdrawal of Application. Delete the notation and delineation from the plats when rejection becomes final or upon withdrawal of application. For applications that have a segregative effect and are noted on the Historical Index, describe terminating action and effective date in "Remarks" column on the line entry for the application.
- C. Allowance of Entry. When an entry is allowed or mineral entry final certificate issues:
- 1. Delete the Abbreviation. Delete the abbreviation for application (Apln) from the notation on the plats.
- 2. After Issuance. After issuance, all other cases shall be noted to the plats as completed cases.
- 3. Post the Entry or Mineral Entry Final Certificate. Post the entry or mineral entry final certificate on the next open line of the Historical Index.
- D. Rejection and/or Withdrawal of Posted Applications. For applications that have a segregative effect and are noted on the Historical Index, describe terminating action and effective date in "Remarks" column on the line entry for the application.
- E. Termination of Entry. When an action cancels, relinquishes, or terminates an allowed entry or mineral entry:
- 1. Delete Notation and Delineation. Delete notation and delineation of the entry from the plats.
- 2. Note the Termination Action. Note the termination action and its effective date in the "Remarks" column of the Historical Index on the allowed entry line.
- 3. Date Posted Column. Place in the "Date Posted" column of the Historical Index the date the termination action for the entry is posted.

- F. Nonmineral Entry Final Certificate. Do not note issuance to either the plats or Historical Index.
  - G. Patent. When a patent issues:

# 1. Master Title Plat.

- a. Delete the serial number and type of allowed entry or other applications for land title from the plats.
- b. Post the patent number to the plats in place of the serial number. (See Manual Section 1862.) Immediately below the patent number, show reservations to the United States. (Example: 00-00-0000.)
- c. Remove classification or withdrawal line for areas patented within a classification. (See 43 CFR 2462.4(c)(1).)

# 2. Historical Index.

- a. Note type and number of patent and date of issuance in the "Remarks" column of the Historical Index on the allowed entry line.
  - b. Post patent to the next open line of the Historical Index.

# H. Fractional Interest Indian Patents.

1. Master Title and Use Plat. When a fractional interest Indian patent issues on an area where a prior Indian patent issued, note immediately above the original patent number, "Frac Int Pat." Make this notation once, regardless of the number of fractional interest patents that subsequently issues.

- 2. <u>Historical Index</u>. Post each Fractional Interest Indian Patent to the next open line of the Historical Index.
  - I. Mineral Patents on Stock Raising Homestead Entry (SRHE).
- 1. <u>Post Mineral Applications</u>. It is not required to post mineral applications to the plats.
- 2. <u>Patent Issues</u>. When patent issues, record all information including serial number on the Historical Index.
- 3. Mineral Patent Covers Entire Tract. If mineral patent covers entire tract, stack annotation above original patent annotation.
- 4. <u>Mineral Patent Covers Portion</u>. If a mineral patent covers only a portion of original patent, delineate area and annotate both areas withnecessary patent information.
- .23 <u>Use Plat</u>. Post to the use plat(s) use cases which affect the status of lands and resources. Note to Master Title Plat "USE PLAT INDEX" the types of use plats in a given township. (See Illustration 3.)
- A. <u>Applications</u>. It is not required to note and delineate applications, permits, and offers which do not segregate until they result in the issuance of a lease.
- 1. <u>Delineation</u>. Delineation is by a number 1 or .35mm technical pen with a dash line along the perimeter of the description of the land included in the applications. (See Illustration 1, Section 5.)
- 2. <u>Notation</u>. Note within and near the lower portion of the delineated land description the case serial number; and, immediately below, the number of the abbreviation for the type of use followed by the abbreviation for applications. (See Illustration 1, Section 8.)
- 3. <u>Historical Index</u>. Do not post use applications to the Historical Index.
  - B. Rejections or Cancellations of Applications.

1. Use Plat. Adjust the lease lines of the parent lease from which the assignment is made with appropriate serial number.

## 2. Historical Index.

- a. Note in the "Remarks" column on the line for the parent lease or permit from which the assignment is made, "Partially assigned." This notation is made only once, regardless of the number of assignments that are made out of the parent lease or permit.
  - b. Make a separate line entry for each partial assignment.
- c. Note in the "Remarks" column on the line for the assignment, the designation of the original lease and its effective date; i.e., Asgn out of M 04291, 12/1/60.

# G. Oil and Gas Lease (Simultaneous).

# 1. Terminations, Expirations, and Relinquishments.

#### a. Use Plat.

- (1) Remove the notation identifying the lease.
- (2) Leave the lease lines intact. This indicates that the area embraced by the lines is not available for lease until it appears on the Sim List posted in the State Office. Annotate the parcel with "Not Open to OG Lse" either using preprinted rub-on lettering or rubber stamp and drafting ink.
- (3) If oil and gas drawings are held, new leases issued, and plat notations made within 90 days, leave lease lines and expired lease intact until new leases are noted to plat.
- b. Historical Index. Note in the "Remarks" column, on the lease line, date of termination/expiration and the month and year of the notice listing the area(s) available for simultaneous oil and gas filing; i.e., "OG Sim 11/73," or "Relisted OG Sim 12/74."

# 2. Parcels Listed for Availability to Lease.

#### a. Use Plat.

(1) Note within the lease lines of each former lease the month and year of the notice, and below the date note "OG Sim" for the areas listed. The notation may be made by use of transparent, preprinted rub-on lettering, or by rubber stamp and drafting ink. Example:

9 79 OG Sim

(2) If necessary, adjust the base lines of the former lease so that the lines will conform to the boundaries of the new lease.

# 3. Issuance of Regular 011 and Gas Lease.

- a. Use Plat. When the application has been noted, remove the abbreviation "Alpn" from the annotation. Delineate with 35mm technical pen.
- b. Historical Index. Post the lease to the next open line of the Historial Index in chronological order.
- 4. <u>Termination</u>, <u>Expiration</u>, and <u>Relinquishments</u>. Proceed as described in Part .23G1.&2.
- 5. No Offer After Listing. When no offers are filed for a parcel listed for simultaneous filings:
- a. Use Plat. Remove the lease items and notation identifying the lease or notice identification.

# 6. Successful Offer After Listing.

- a. Use Plat.
  - (1) Remove notation " 9 79" OG Sim
- (2) When necessary, adjust the base lines of former leases so that the lines will conform to the boundaries of the new lease.
- (3) Note the new case serial number within the lease lines for the area being leased.
  - (4) Note below the case serial number, "OG Lse."
- b. Historical Index. Post the new lease on the next open line and enter effective date in "Remarks" column.
  - H. Oil and Gas Lease, Regular (Over the Counter Offers).
- 1. <u>Use Plat</u>. It is not required to note and delineate noncompetive offers for areas described on the application.
- a. Note within and near the lower portion of the delineated land description, the case serial number and immediately below the number, the abbreviation "OG Lse Apln."

- I. Permit Incidental to Disposal. This category includes applications for the issuance of a permit(s) in connection with a land disposal entry; e.g., special permit for a water well within the area of a desert land application.
- 1. Master Title and Use Plats. Delineate by a lease line, and note type of permit on the next open line of the historical index.
- J. Small Tract and Recreation and Public Purpose Leases.
  Applications for small tract and recreation and public purposes leases are considered for recordkeeping purposes as use actions. It is not required to post applications to the historical index and use plats.
- 1. Master Title and Use Plats. When lease issues delineate with lease lines and note as small tract or recreation and public purposes lease.
- 2. <u>Historical Index</u>. Post the lease on the next open line of the historical index.

### K. Airport Leases.

1. Master Title and Use Plats. Delineate application and lease with lease line and note as airport lease application or airport lease.

# 2. Historical Index.

- a. Post application on next open line of the historical index.

  Note in the "Date of Action" column the date the application is filed in the State Office.
- b. When a lease issues, post to next open line. Post cross-reference in "Remarks" column of application notation.

## .24 Withdrawals.

A. Applications. Note and delineate applications for withdrawals and other segregations or reservations from entry, use, or both:

# 1. Master Title and Use Plats.

- a. Delineate by a medium width dot-dash line on the perimeter of the land description. (See Item 15, Appendix 2.)
- b. Note within and near the lower portion of the delineated land description, the case serial number and, immediately below the number, the abbreviation for withdrawal (Wdl) followed by the abbreviation for the type of withdrawal and application. (See Illustration 2, Section 29 and 30.)
  - 2. Historical Index. Post on the next open line.
- B. Termination of Application for Withdrawal. When an application for withdrawal is terminated prior to consummation of an actual withdrawal, note the records as follows:
- 1. Master Title and Use Plats. Remove the delineation and notation of the application.

# 2. Historical Index.

a. Note in "Remarks" column on the same line as the notation for the application, the termination action and the date segregation is removed as published in the Federal Register.

#### C. Order of Withdrawal. When a withdrawal order issues:

#### 1. Master Title and Use Plats:

- a. Remove the abbreviation for application.
- b. Replace the case serial number with the type of order and number. (See Illustration 2, Section 20.)

# 2. Historical Index.

- a. Note in the "Remarks" column on the line for the application, the type and number of the order and the date of the withdrawal.
  - b. Post the withdrawal order to the next open line.

D. Multiple Applications for Withdrawals Covering Same Area.

Delineate the area with a single withdrawal line and stack the notations with oldest at the bottom. (See Illustration 2, Section 31.)

### E. Termination.

# 1. Master Title and Use Plat.

- a. For revocation, cancellation, and restoration, remove withdrawal annotation and lines upon receipt of appropriate order.
- b. For revocation or cancellation without restoration, leave withdrawal lines intact. Remove withdrawal notation. Note revocation or cancellation action with restoration; e.g.,

PLO 4210

Rev

NOE

c. For restoration after revocation or cancellation, remove revocation or cancellation notation and withdrawal lines upon receipt of appropriate order.

#### 2. Historical Index.

- a. For revocations, cancellations, and restorations, perform the following:
- (1) Note the revocation action and termination date in the "Remarks" column on the same line of the withdrawal; e.g., "Rev PLO 1275 1/1/74."
- (2) Note on the next open line of the HI the revocation, cancellation, and/or restoration action.
- (a) When a withdrawal is revoked and land restored to entry, note in "Kind of Action" column "Rev and Rest." Also, note in the "Remarks" column, "OE" and the date restored. Use the "Date Posted" column to note the date when the action is posted to the record.
- (b) When a withdrawal is revoked or cancelled or has an application for revocation and not restored, note in "Kind of Action" column "Rev," and in "Remarks" column note "NOE."
- (c) When/If a withdrawal is revoked by a prior order and opened to entry by separate restoration action, note the restoration action as follows:

- (i) Remove notation "NOE" from the remarks column; on the line of the notation for the revocation, note "OE," and note the restoration action and effective date.
- (ii) Note the restoration action to the next open line. In the "Kind of Action" column, note "Rest."
- F. Classifications. Note proposed classifications and final classifications:
- 1. Master Title Plat. When feasible, delineate by withdrawal line in the sections involved. If not fesible or if entire township is included, show in the "Right Hand Margin;" e.g., "All Township included in R 258, BLM CL Mult Use."
  - 2. Historical Index. Post to the next open line.
- G. <u>Designations</u>. Lands which are classified for multiple-use management, withdrawn for special purposes or for protection of the resources, or given special status by Congress, are subject to designation.
- 1. Master Title Plat. Delineate area with a designation line (Dash Lines) using a .50mm technical pen. (See Item 19, Appendix 2.) Annotate the designation within the designation line above the classification or withdrawal annotation. (See BLM Manual Section 2070.1 Step 5.); e.g.,
  - (a) 0 5338
    BLM 0 Des
    Snake River
    Rec Lands
  - (b) 0 1292 BLM 0 C1 Mult Use
  - 2. Historical Index. Post to the next open line.
- .25 Rights-of-Way (R/W). Post all R/W's only upon issuance of authorization.
  - A. Master Title and Use Plats.
- 1. <u>Issuance</u>. Delineate R/W by drawing the symbol for the type of R/W in its relative position to the land description. (See Appendix 2.)

- 2. Notation and Delineation. Note the case serial number, and when possible, the width of the R/W in feet from the center line, and the abbreviation for application, near the center of the delineation of the R/W symbol.
- 3.  $\underline{44LD513}$ . All 44LD513 R/Ws are noted to the status records similarly to other R/Ws. The agency having jurisdication, excluding BLM, must also be noted; i.e., "W 069403 50' BR."
- 4. Forest Service Rights-of-Way. Forest Service Rights-of-Way issued under the Act of October 13, 1964, must be serialized and noted to the records in the same manner as BLM issued rights-of-way. If for some reason a Forest Service-issued right-of-way across reserved lands cannot be plotted, note in "Right Hand" margin of the Master Title Plat; e.g.,

"W 069404 50' FS Sec 2: S 1/2; Sec 3: S 1/2; Sec 4: S 1/2"

- B. Historical Index. Do not post R/W applications.
- C. Rejection or Cancellation of Application for Rights-of-Way. Remove the delineation and notation from the plats.
  - D. Approved Rights-of-Way.
- 1. <u>Master Title and Use Plats</u>. Remove the abbreviation for application.
- 2. <u>Historical Index</u>. Post to the next open line of historical index.
- E. Termination, Cancellation, or Relinquishment of an Approved Right-of-Way.
- 1. Master Title and Use Plats. Remove the notation and delineation.
  - 2. Historical Index.
- a. Note in the "Remarks" column on the line of the notation for the R/W, the termination action and date.

- .26 Known Geologic Structure (KGS), Known Coal Leasing Area (KCLA), and Known Geothermal Resource Area (KGRA).
- A. <u>Master Title and Use Plat</u>. Note known geologic structure, known coal leasing area, and/or known geothermal resource area and the name of the geologic structure, resource, or leasing area in the "Right Hand" margin. List on the next line, the section or sections affected; e.g.,

"M 01672 KGS Stanis Field Sec 10: All; Sec 11: S 1/2"

"M 01673 KGRA Calistoga Springs Sec 12: NW 1/4; Sec 13: All"

- B. Approved Oil and Gas and Geothermal Resource Unit and Communitization Agreements.
- 1. Use Plat. Note in the "Right Hand" margin the name of the agreement. List on the next line the section(s) affected by the agreement; e.g.,

"M 01674 San Carlos Unit 21 Agreement Sec 2: All; Sec 3: All; Sec 4: N 1/2"

- .27 Approved Plats or Protractions of Survey. When the State Office receives an approved plat or protraction of survey which describes, designates, or assigns identities to land areas, it is necessary to prepare a new Master Title Plat or to change the existing Master Title Plat so that the plats will have the current subsisting land area description. If the Master plat is changed, all use plats for that township must be changed to show the same survey data.
- .28 Resource Development and Conservation Projects. These projects may be recorded on the Master Title Plats at the option of each State Director.
- .29 <u>Pending Litigation</u>. If public lands are in litigation, take no action with respect to the use or disposal of the lands until the litigation is terminated, unless the Field Solicitor states that the proposed action is not inconsistent with the litigation. (See BLM Manual Section 1813.)
- A. <u>Master Title and Use Plats</u>. Delineate the area in litigation by using a lease line when no other approved symbol or lines apply. Note within or near the delineation, the case serial number and immediately below the serial number, "In Litigation."
- B.  $\underline{\text{Historical Index.}}$  Do not note litigation actions to the  $\underline{\text{Historical Index.}}$

# .3 Acquisitions by the United States.

- .31 Acquired Lands. The general principles applicable to records for public lands also apply to records for acquired lands. A township is used as the unit for indexing.
- A. <u>Master Title and Use Plats</u>. Note and delineate actions and applications for actions which affect the title or availability of lands and disposal.
- 1. Use Plats. Note and delineate use actions on the appropriate use plats.
- 2. <u>Identification of Plats</u>. Add the words "And Acquired Lands" immediately below the last line of the subtitle on plats that contain acquired land status. (See Illustration 3.)
  - a. Use the same size and style lettering as used in the subtitle.
- 3. <u>Identification of Acquired Areas</u>. Identify areas of acquired land or minerals on the Master Title Plat and use plats by shading the acquired area. Use a shading similar to that created by the use of Zip dot pattern 310 or equivalent. (See Illustration 4, Sections 3, 4, 9, 10, 15, and 16.)
- 4. Restoration. The older records still carry the Blue Zip pattern PB 72. Because of microfilming needs, any new acquisitions or restored plats, the Zip-A-Tone pattern 310 or equivalent must be used to show acquired lands on the plats. (See Illustration 4, Section 9.)

#### B. Notation of Actions.

1. Initial Conveyances and Reservations. Notations of patents or other documents of conveyance which transferred an interest or right in public domain lands and resources to private or State ownership and of the reservations in each conveyance must remain on the status plats within the areas identified as acquired, except in instances set forth in .31B6a and .31B6d. This is done to identify the mineral estate reserved in the initial transfer of title.

# 2. Identification of Individual Acquisitions.

a. On master title and use plats, note within the area identified as acquired, the title or document designation which accomplished the acquisitions; e.g.

"M 1234 WD US A11 Min" "M 1235 Condemn US No Min"

- (1) If the area of acquisition is identical to a patented area, there is no need for additional lines. The original patent lines show the area patented and the area acquired under the document designation.
- (2) If the area acquired differs in some way from the original patented area, show the deviations by using a survey weight line. (See Illustration 4, Section 10.) Additional notations or arrows may be used for clarity.
- b. Acquired Lands Historical Index. Note the acquired document designation on the next open line. Note in the "Remarks" column the property accounting acquisition file number, book, and page or recording of document under State laws, and if acquired by condemnation, identify civil number and date of judgement. (See .31c.)

# 3. Acquired Mineral Estate. Note plats as follows:

- a. If a solicitor's opinion about the mineral estate is not available, note "Rstd Min" for restricted mineral, immediately below the document designation. Change the notation when a solicitor's opinion is obtained.
- b. If a solicitor's opinion has been rendered, note immediately below the document designation, the acquired mineral estate; e.g., "OG" or "All Min except OG". (See Illustration 4, Section 10.)
- c. Even though a solicitor's opinion is available, note "Rstd Min" immediately below the document designation when there is a complex estate such as fractional or future interests. This alerts the plat user that he must use the acquisition document to determine the mineral estate. (See Section 9, Illustration 4.)
- d. If the acquired interest in mineral only, note above the document designation "Min Only." This shows that the surface is not acquired. (See Illustration 4, Section 9.)
- 4. Transfer of Administrative Jurisdiction to BLM of All or Part of Acquired Lands and Resoruces within a Township.
- a. If transfer was by one Executive Order, note in the "Right Hand" margin of the Master Title Plat and Use Plat, "Administrative Jurisdiction of all acquired lands resources within township transferred to BLM EO 10046."

- b. If transfer was by two or more Executive Orders, show on the plats the areas embraced in each order as a withdrawal and note the document which accomplished the transfer in the "Right Hand" margin of the MTP and Use Plats.
- c. If there has been a partial transfer, show the area transferred on the plats as withdrawals and note the documents which accomplished the transfer.
- 5. Administrative Jurisdiction, Other Agencies. Show the area acquired on the plats by using the shading for acquired lands, and note to the area the agency having jurisdiction; e.g., "Dept. of Agri."
- 6. Transfer of Acquired Lands to Private or State Ownership. Change the plats as follows:
- a. If the conveyance does not embrace the same lands as did the initial patent, delineate the conveyance to embrace the lands conveyed. Remove shading from conveyed area and annotate accordingly. If necessary, move the annotation for the original patent into the unconveyed area.
- b. If all or partial interest reserved in the initial patent and all acquired interests are conveyed, leave the notation for the initial patent, the acquisition document, and the shading for acquired lands, if space is available.
- c. If only the interests reserved in the initial patent are conveyed, remove notation for the initial patent.
- d. If only the acquired interests are conveyed, remove notation for the acquisition document and shading for acquired lands.
- e. Note the conveyance document number and reservation to the Government, if any.
- . C. <u>Historical Index</u>. Prepare a separate Historical Index for all actions which affect or have affected the acquisition, use, or disposition of the acquired lands and resources within a township. Use the same format as for the public domain.
- 1. Identification of Index. Include on each page in the caption following the State designation the words "Acquired Lands" in slant letters at the size of No. 2000 Leroy lettering template with a No. 3 Leroy pen. Note below the township and range designation at the lower right corner of the page "acquired Lands." Use the same size and style of lettering used in the corner for township and range designations.

2. Annotation. Note the serial number, center-line width, and "Esmt US" near the center of right-of-way symbol; e.g.,

"OR 2315 50' Esmt US"

Where a fee right-of-way is acquired, note abbreviation "Fee R/W US." This occurs when a landowner grants to the U.S. a fee ownership rather than an easement interest in lands; e.g.,

"OR 2315 50' Fee to US"

- B. <u>Historical Index</u>. Note easement and fee right-of-way acquisition documents on the next open line of the public domain Historical Index. Note in the "Remarks" column, the property accounting file number, book, and page of recording of document under State laws. If acquired by condemation, identify civil number and date of judgement.
- .33 Reconveyed Lands. Do not use acquired land shading symbol. Show reconveyances on public domain status records.
- A. Exchanges, Received Lands. Note the Master Title Plat, Use Plat, and Historical Index as follows:
  - 1. No Interest Retained by Grantor.
- a. Do not remove notation and patent lines for initial patent from Master Title Plat and Use Plat(s).
- b. Note on the Master Title Plat and Use Plat(s) above the notation for the initial patent, the case number for the document transferring ownership to the United States, along with the annotation "Recon to US," if the reconveyance is accomplished with a warranty deed.
- c. Post the reconveyance document to the next open line of the Historical Index.
- . d. Note the reconveyance document number and date on the Historical Index in the "Remarks" column on the line of the notation for the initial patent.
- e. Upon issuance of an opening order, leave patent lines and notation on the plats and note opening order on MTP and Use Plats.
- f. Note in the "Remarks" column of the Historical Index on the line of the notation for the reconveyance document, the opening order and date.

# 2. Interest Retained by Grandor.

- a. Do not remore notation and patent lines for initial patent from Master Title Plat and Use Plat(s).
- b. Note on Master Title Plat and Use Plat(s) above the notation for the initial patent, the case number for the document transferring ownership, the notation "Recon" and the interest(s) granted to the United States; e.g.,

"M 12345 (Recon document number)
Recon US (Reconveyance)

(Interest granted to US) All Min except OG (interest retained by grantor)

342914 (initial patent)"

- c. Post the reconveyance document to the next open line of the Historical Index.
- d. Note on the Historical Index in the "Remarks" column on the line of the notation for the initial patent, the reconveyance document and date.
- e. Upon issuance of opening order, post the plats to show opening order and date.
- f. Note on the Historical Index in the "Remarks" column on the line of the notation for the reconveyance document, the opening order and date.
- 3. Area Reconveyed to the United States is Less than Area in the Initial Patent and Grantor Retained no Interest.
  - a. Do not remove notation and patent lines for initial patent.
- b. Mark the perimeters on the plat(s) of the area received with a patent weight line and annotate unconveyed area with the original patent information.
- c. Note the identification number for the reconveyance document transferring ownership to the United States on the plat(s) within the area received.
- d. Post the reconveyance document to the next open line of the Historical Index.

- e. Note the reconveyance document and date on the Historical Index in the "Remarks" column on the line of the notation for the initial patent.
- f. When an opening order issues, do not remove patent lines for area received.
- g. Note the opening order and date on the Historical Index in the "Remarks" column on the line of the notation for the reconveyance document.
- 4. Area Reconveyed to the United States is Less than Area in Initial Patent and Grantor Retains an Interest.
- a. Do not remove notation and patent lines for initial patent from Master Title Plat and Use Plat(s).
- b. Mark the perimeters on the plat(s) of the area received with a patent weight line and annotate unconveyed area with the original patent information.
- c. Note on the plat(s) within the area received the number for the document transferring ownership to the United States. When necessary for clarity of status, note the initial patent and reservations, if any, within the area received below transferring ownership documentation.
- d. Post the reconveyance document to the next open line of the Historical Index.
- e. Note the reconveyancing document and date on the Historical Index in the "Remarks" column on the line of the notation for the initial patent.
- f. When opening order issues, post the plat(s) to show the opening order and date.
- g. Note the opening order and date on the Historical Index in the "Remarks" column on the line of the notation for the reconveyance document.

# .4 Designated Areas.

.41 Application/Designations. Areas of Critical Environmental Concern (ACEC), must be identified on the Master Title Plat, unless location is privileged or sensitive information.

# A. Master Title and Use Plats.

- 1. Delineate by a medium width dash line on the perimeter of the land described, 21B5a(1). (See BLM Manual Section 1275, Appendix 2, Line Standards Item 19, Designated Areas, Drafting Practices, page 26.)
- 2. Note within and near the lower portion of the delineated land description, the case file or Serial Number under which add the designation ACEC and the data of the designating document.

Example: "N 017739 ACEC 4/17/82"

- 3. If entire township is included, show in the "Right Hand Margin" e.g., "All Township included in NO17759 ACEC 4/17/82."
  - B. Historical Index. Post to next open line.
- a. Do not post as applications, enter only designated areas on the HI. The name of the designated area must be added to the "Kind of Entry" column after the designation "ACEC."
  - .42 Cancellation or Termination.
- A. Master Title and Use Plats. Remove the delineation and annotation of the designation.

## B. Historical Index.

- a. Note in the "Remarks" column on the line of the notation for the designation, the termination and the date segregation is removed as published in the Federal Register.
  - .43 Conversion ACEC to Withdrawal.
    - A. Master Title and Use Plats.
- 1. Add Data. Add data between the dashed lines on the perimeter of the designation, which will then be the symbol for withdrawals. Make any boundary changes necessary as described in the withdrawing document.
- 2. Remove Annotation. Remove annotation for the ACEC, and proceed as prescribed in 1275.24C "Order of Withdrawal."

# .5 Navigability.

.51 <u>Court Decisions</u>. Court decisions will be used as the authority in determining navigability on inland bodies of water. A serial case file number must be used as identification of each navigable decision.

# A. Master Title and Use Plats.

- B. <u>Navigability Annotations and Delineations</u>. Navigability annotations and delineations must be shown on all Master Title, Use, and Supplemental Plats because the title is affected. Points of demarcation between navigable and nonnavigable segments are to be delineated on the plats by a .70mm line which intersects the streambed at right angles and extends away from the banks on each side for five chains on the 30 scale. (See Appendix No. 2, sample plat No. 7.)
- .52 <u>Bodies of Water</u>. Bodies of water will be delineated using the latest survey plats when not available from USGS quad sheets and/or the photoquads for geographic positioning. Name or number the water body as it appears on the official survey plat and the monthly list of official names as accepted by the US Board on Geographic Names and USGS Quadrangle maps. (See BLM Manual Section 1275, Appendix 2: WATER IDENTIFICATION PLAT, Sample Part #5 (DRAFT).) When an official name is not available, use the name as supplied by the Navigability Field Report.
- .53 Dams on Major Streams or Lakes. Where dams on major streams or lakes have backed water into a major lake, do not remove original delineation and annotation of the water body. With the use of a projector and USGS quad sheets, or other photoguads, where new survey plats are not available, delineate the new lake's waterline using the standard delineation for major water boundaries at the spillway elevation contour. If the water area is withdrawn, 30 scale, from the waterline using the standard withdrawal line. Annotate the official name of the new lake on all plats.
- ..54 Navigability Annotations. Place navigability annotations near to the demarcation line for sight continuity. Where possible, annotations will follow the contours of the streambank. Navigability annotations will be placed below the stream delineation or where the stream runs straight north and south, the annotation will be placed to read from the right-hand side of the plat. Navigability annotations may be leadered and arrowed in instances where there is not space for the annotation to be parallel with the bottom of the plat sheet.
- .55 Annotations. Annotations will contain the serial number followed by the abbreviation "NAV." Each segment will required this annotation. If a river and any of its tributaries shown on a plat are deemed navigable, the annotation with the serial number may be placed in the right-hand margin of the plats.

- .56 Where a Stream Enters a River. In the instance where a stream enters a river, each having a separate serial number, place the demacration line one and one half chains on the 30 scale from the mouth of the stream parallel to the course of the river.
- .57 Demarcation. If the demarcation occurs within 10 chains of the 30 scale into an adjoining township, extend the waterline 15 chains and delineate it with the demarcation line. Delineate the demarcation line on the adjoining township and also annotate it.

## A. Historical Index.

1. The Historical Index (iii) must be noted for all sections affected, metes and bounds description, other townships, kind of action, date of action, and any remarks that will contribute to the adjudacation of the file.

### .6 Status Reports and District Office Copy of Status Records.

- .61 Reference Copies. A copy (paper or microfilm) of the working record, upon which a delineation has been made, is sent to the appropriate District Office (DO), and a copy is placed in the case file as a status report. When changes or corrections are made on master title plats, send copy to MTP to districts. (As required in the Districts, copies of the use plats may also be requested on a regular basis.)
- A. The District Records Manager. The District Records Manager is responsible for designating someone to file all incoming reference status records within 24 hours of receipt.
- 1. The designee must replace the old reference record with new updates as received.
- .62 <u>Date Stamp</u>. All plat copies placed in a case file, sale copies, or copies sent to a District Office are date stamped. Public room copies are not required to be date stamped.
- .63 Written Reports. Written reports are not required except in situations where status is confused by conflicts, complexities of multiple actions, or where new records do not exist.
- A. Reports. Reports are entered on Document Briefing Form, Form 1275 and filed in the case file for specific documents.
- 1. The Document Briefing Form. Under normal circumstances, the Document Briefing Form is used for intraoffice briefing only (DSC-1275-6). (See Illustration 5.)
  - B. Status Reports. Status Reports will be prepared on Form DI 14.

### .7 Control Document Index.

.71 Content. The index consists of copies of patents and deeds which convey title to public lands to and from the United States and copies of documents which affect or have affected control or limit or restrict the availability of right or title to or use of national resource lands and are governed by Title 43 CFR.

### A. Types of Documents Included:

- 1. Patents.
- State Selections.
- 3. Indemnity Lists.
- 4. Conveyance Documents:
  - a. Warranty Deeds.
  - b. Ouit Claim Deeds.
  - c. Acquired Easement Documents.
- d. Judgements in condemnations evidencing acquired land title.
- 5. Any Act of Congress concerning specific interest in national resource lands, such as a private bill.
  - 6. Public Laws which affect national resource lands.
  - 7. Executive Orders which affect national resource lands.
  - 8. Proclamations which affect national resource lands.
  - 9. Public Land Orders.
- 10. Any Other Document which affects or has affected the national resource lands.
  - B. Types of Documents Excluded:
- 1. Applications for Withdrawals, unless they have a segregative effect on the land.

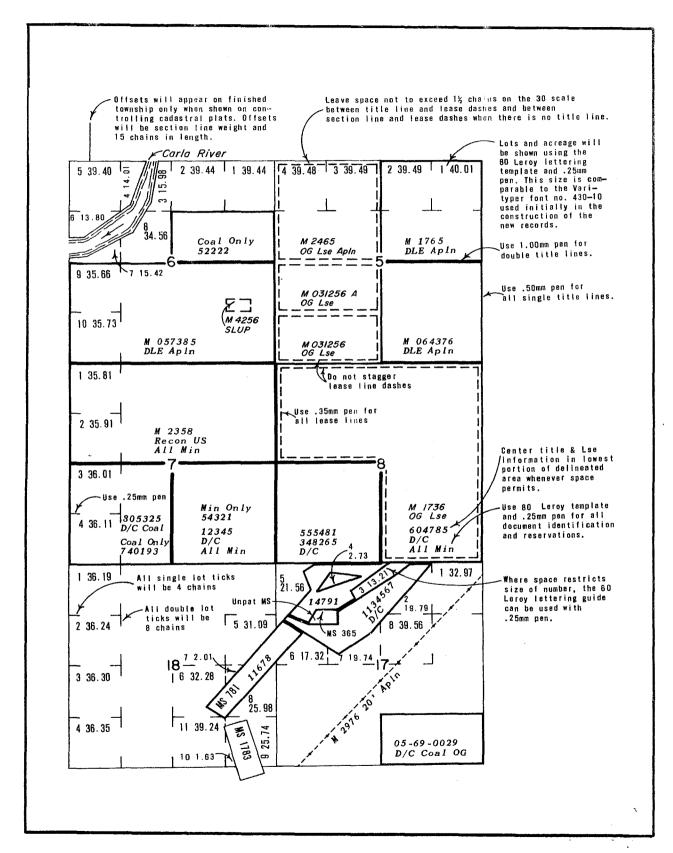
- 2. Allowed Homestead Entries.
- 3. Leases.
- 4. Licenses.
- 5. Permits.
- 6. Rights-of-Way Grants.
- .72 Format. Copies of patents and other documents are on 35mm film chips mounted on aperture cards. (See BLM Manual Section 1276.22A for the microfilm system and specifications.)
- .73 Arrangement. The Control Document Index microfile cards are arranged chronolgically within townships by State, meridian, range, and township.
- .74 <u>Protection</u>. The control document index is located where it can be best secured against damage, fire, loss, or destruction. Cards are removed from and returned to the control document index only by a "custodian" or alternate, each designated in writing by the official head.
- A. Chargeout. A chargeout card as shown below is maintained on lined paper to provide a record of the removal and return of cards to the control document index.
- B. Removal. Cards removed from the control document index are returned to the custodian by the close of business each day.
- C. <u>Use</u>. The control document index cards may be used for any reference purpose for which the original document would be used, provided that care is exercised to prevent damage or loss.
  - .75 Updating.
    - A. Aperture Cards. (See BLM Manual Section 1276.22A.)
- B. <u>Security Microfilm or Patents</u>. (See BLM Manual Sections 1273.26 and 1276.22Al.)

### .8 Security of Land Status Records.

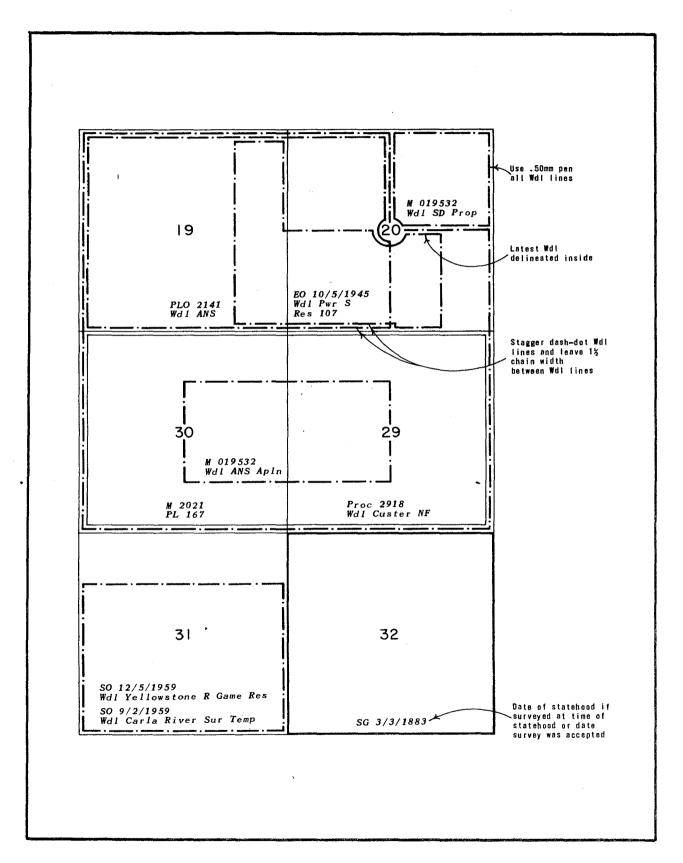
- .81 Reference Records in Binders. Security microfilming is not necessary, if copies of the records are sent to District Offices on a regularly established schedule. Any part of the records (Historical Index, Master Title Plat, Use Plats) not regularly sent to District Offices must be microfilmed on an annual basis, using 35mm roll film. To facilitate microfilming, the State Office personnel may microfilm the complete records. Personnel in each State Office may schedule the time of year for filming the records to balance workloads or to take advantage of possible savings. Each roll of film is marked with "SECURITY FILM," and the date the records are filmed. Security film is processed, reviewed for quality control, and stored at DSC (D-235). When new security film is made each year, the old film is destroyed. (See BLM Manual Sections 1273 and 1276.)
- .82 Reference Records in Aperture Cards. New aperture cards are sent to District Offices when the State Office reference records are updated to show current status. State Office personnel do not need to microfilm their status records for security purposes. Aperture cards in District Offices used for reference serve as the security copy for the State Office status records and must be treated accordingly.

- .9 Retirement of Tract and Plat Books. All tract books and plat books of the old land status system should be transferred to the appropriate Federal Records Center for permanent retention within 1 year after completion of the installation of the new records system. (See BLM Manual Section 1271 Records Management System.)
- .91 Permission for Longer Local Retention. The Assistant Director For Administration may authorize local retention of old status records for more than a year upon justification and recommendation of the State Director concerned.

### Master Title Plat and Use Plat Notations



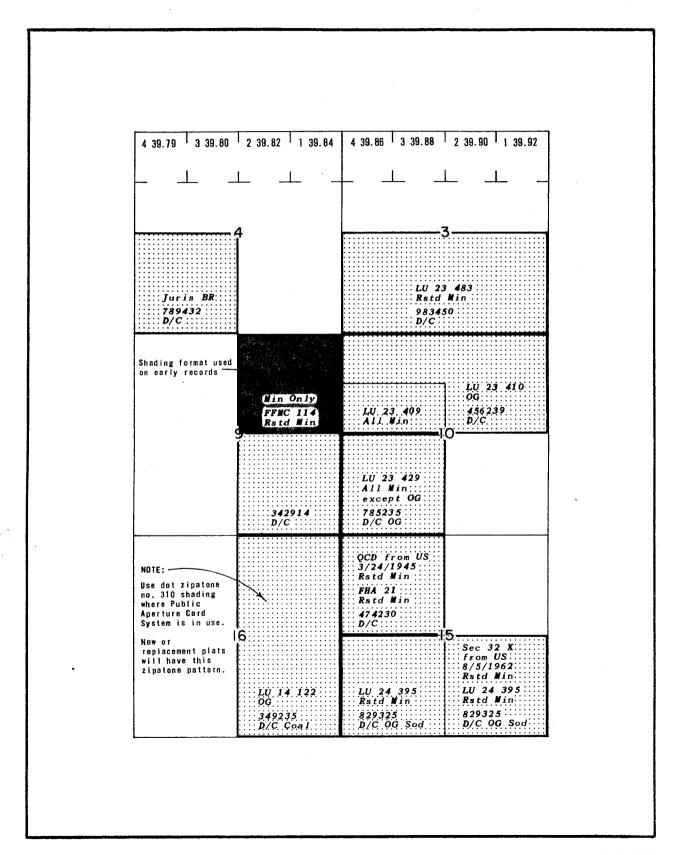
### Master Title Plat Withdrawal Notations



Master Title Plat Side Notations

INDEX TO SEGREGATED TRACTS  RESURVEY ORIGINAL SURVEY  TRACT NO T R SEC SUBDIVISION  All Tp included in Well Coconing NF E0 1160 5/2/1812  HES, Savilan Field (06 NTP)  Sec 13: E5, Sac 18:			STATUS OF PUBLIC DOMAIN LAND AND MINERAL TITLES AND ACQUIRED LANDS			
INDEX TO SEGREGATED TRACTS   RESURVEY	2 22 27 2 20 20 1 20 20	7	MT PLAT			
RESURVEY TRACT NO T R SEC SUBDIVISION  All Tp included in Wdl Coconino NF E0 1189 5/2/1912  RES, Gavilan Field (ON NTP)  Bee 171 All  Sac 18: E5  Sac 18: E5  Sac 18: E5  Sac 28: W5, NE4  Sac 8: S5, NE4  Sac 18: N5, NE4  Sac 17: E5  CA 2987 R/N Comm S  Sac 3: SEMELY  (Actions which can not be pletted are noted in this margin)  USE PLATS: NAMA, NA  USE PLATS: NAMA, NA  USE PLATS: NAMA, NA  CURRENT TO	3 39.37					
TRACT NO T R SEC SUBDIVISION  All Tp included in Wdl Coconino NF E0 1189 5/2/1912  RGS, Gavilan Field (De NYP)  Sec 17i All  Sec 18: E½  Sac 19: E½, E½R½  Sec 20: W½, NE½  Sec 9: S½, NE¾  Sec 9: S½, NE¾  Sec 16: W½, NE¾  Sec 16: W½, NE¾  Sec 17: E½  CA 2887 R/M Comm S  Sec 3: SEANE¼  (Actions which can not be pletted are noted in this margin)  CURRENT TO  USE PLATS: *** *** *** *** *** *** *** *** *** *			INDEX TO SEGREGATED TRACTS			
All Tp included in Wdl Coconino NF E0 1100 5/2/1812  K6S, Gavilan Field (ON NTF)  Bec 17i All  Sec 18: E½  Sec 19: E½, E½B½  Sec 28: W3, NE½  Sec 28: W3, NE½  Sec 8: S½, NE½  Sec 18: W3, NE½  Sec 18: W3, NE½  Sec 18: W3, NE½  Sec 18: W3, NE½  CA 2987 R/W Comm S  Sec 3: SEXNE½  (Actions which can not be plotted are noted in this margin)  USE PLATS: *** *** *** *** *** *** *** *** *** *						
NGS, Gavilan Field (ON NTP)   Sec 17i All     Sec 18: E½     Sec 20: W/S, NE½     UA, Echo Spring (On OS Plat Only)     Sec 8: S½, NE¾     Sec 9: S½, NE¾     Sec 16: W/S, NE¾     Sec 17: E½     CA 2987 R/W Comm S     Sec 3: SE¼NE¾     (Actions which can not be plotted are noted in this margin)     USE PLATS: *** *** *** *** *** *** *** *** *** *			TRACT NO T R SEC SUBDIVISION			
NGS, Gavilan Field (ON NTP)   Sec 171 All     Sec 18: E½     Sec 20: W5, NE½     UA, Echo Spring (On OG Plat Only)     Sec 8: S½, NE¾     Sec 9: S½, NE¾     Sec 16: W5, NE¾     Sec 17: E½     CA 2967 R/W Comm S     Sec 3: SE¼NE¾     (Actions which can not be plotted are noted in this margin)     USE PLATS: *** ********************************	1					
NGS, Gavilan Field (ON NTP)   Sec 17						
NGS, Savilar Field (ON NTP)   Sec 17 it All     Sec 18: E½     Sec 20: W%, NE½     UA, Echa Spring (On OG Piat Only)     Sec 8: S½, NE¾     Sec 9: S½, NE¾     Sec 16: W½, NE¾     Sec 17: E½     CA 2987 R/W Comm S     Sec 3: SE¼NE¾     (Actions which can not be plotted are noted in this margin)     CURRENT TO     USE PLATS: *** *** *** *** *** *** *** *** *** *						
NGS, Savilar Field (ON NTP)   Sec 17 it All     Sec 18: E½     Sec 20: W%, NE½     UA, Echa Spring (On OG Piat Only)     Sec 8: S½, NE¾     Sec 9: S½, NE¾     Sec 16: W½, NE¾     Sec 17: E½     CA 2987 R/W Comm S     Sec 3: SE¼NE¾     (Actions which can not be plotted are noted in this margin)     CURRENT TO     USE PLATS: *** *** *** *** *** *** *** *** *** *						
MGS, Savilar Field (ON MTP)   Sec 17: All     Sec 18: E½     Sec 20: W%, NE½     UA, Echa Spring (On OG Piat Only)     Sec 8: S½, NE½     Sec 9: S½, NE½     Sec 16: W½, NE½     Sec 17: E½     CA 2987 R/W Comm S     Sec 3: SE½NE½     (Actions which can not be plotted are noted in this margin)     USE PLATS: *** ********************************						
NGS, Gavilan Field (ON NTP)   Sec 17						
NGS, Gavilan Field (ON NTP)   Sec 17		1				
NGS, Savilar Field (ON NTP)   Sec 17 it All     Sec 18: E½     Sec 20: W%, NE½     UA, Echa Spring (On OG Piat Only)     Sec 8: S½, NE¾     Sec 9: S½, NE¾     Sec 16: W½, NE¾     Sec 17: E½     CA 2987 R/W Comm S     Sec 3: SE¼NE¾     (Actions which can not be plotted are noted in this margin)     CURRENT TO     USE PLATS: *** *** *** *** *** *** *** *** *** *						
Sec 17: All  Sec 18: E½  Sec 19: E½, E½W½  Sec 20: W½, NE½  UA, Echo Spring (On OS Plat Only)  Sec 8: S½, NE¾  Sec 9: S½, NW½  Sec 16: W½, NE¾  Sec 17: E½  CA 2987 R/W Comm S  Sec 3: SE½NE¼  (Actions which can not be pletted are noted in this margin)  USE PLATS: **COMM.** **COMM.** **COURRENT TO			All Tp included in Wal Cocomino NF EO 1169 5/2/1912			
Sec 17: All  Sec 18: E½, Sec 19: E½, E½W½ Sec 20: W½, NE½  UA, Echo Spring (Om OS Plat Only)  Sec 8: S½, NE¾ Sec 9: S½, NW½ Sec 16: W½, NE¾ Sec 17: E½  CA 2987 R/W Comm S Sec 3: SE½ME½ (Actions which can not be pletted are noted in this margin)  USE PLATS: OMAL, OM			KGS. Gavilan Field (OM MTP)			
Sac 19: E½, E½M½  Sec 20: W½, NE½  UA, Echo Spring (90 OG Piat Only)  Sec 8: S½, NE¼  Sec 9: S½, NE¾  Sec 16: W½, NE½  Sec 17: E½  CA 2987 R/W Comm S  Sec 3: SE¼NE¾  (Actions which can not be pletted are noted in this margin)  USE PLATS: 100M. 86	12					
Sec 20: W½, NE½  UA, Echo Spring (9m 06 Piat Only)  Sec 8: S½, NE½  Sec 9: S½, NE½  Sec 16: W½, NE½  Sec 17: E½  CA 2987 R/W Comm S  Sec 3: SE½NE½  (Actions which can not be pletted are noted in this margin)  USE PLATS: *** *** *** *** *** *** *** *** *** *						
UA, Echo Spring (On OS Plat Only)  Sec 8: S½, NE¼  Sec 9: S½, NW¾  Sec 16: W½, NE¼  Sac 17: E½  CA 2987 R/W Comm S  Sec 3: SE¼NE¼  (Actions which can not be plotted are noted in this margin)  USE PLATS: (CARENT TO						
Sec 8: S½, NE½  Sec 9: S½, NE½  Sec 16: W½, NE½  Sec 17: E½  CA 2987 R/W Comm S  Sec 3: SE½NE½  (Actions which can not be pletted are noted in this margin)  CURRENT TO  USE PLATS: ***MAL, ****  MD M			Sec 20. #2, #24			
Sec 9: S½, NW½  Sec 16: W½, NE½  Sec 17: E½  CA 2987 R/W Comm S  Sec 3: SE½NE½  (Actions which can not be plotted are noted in this margin)  CURRENT TO  USE PLATS: *** *** *** *** *** *** *** *** *** *			UA, Echo Spring (On OG Plat Only)			
Sec 16: W%, NE% Sec 17: E%  CA 2987 R/W Comm S Sec 3: SE%NE%  (Actions which can not be plotted are noted in this margin)  CURRENT TO  USE PLATS: 100%. 86						
Sac 17: E½  CA 2987 R/W Comm S  Sec 3: SE¼NE¼  (Actions which can not be pletted are noted in this margin)  CURRENT TO  USE PLATS: ************************************						
CA 2987 R/W Comm S  Sec 3: SE\NE\( \)  (Actions which can not be pletted are noted in this margin)  CURRENT TO  USE PLATS: ************************************						
Sec 3: SEXNEX  (Actions which can not be pletted are noted in this margin)  CURRENT TO  USE PLATS: ************************************			000 n. D2			
(Actions which can not be pletted are noted in this margin)  CURRENT TO  USE PLATS: ************************************						
USE PLATS: ************************************						
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USE PLATS: ************************************						
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### Master Title Plat Notations, Acquired Lands



# DRAFTING STANDARDS FOR



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Survey  Homestead Line Mineral Telegraph Line Telephone Line Telephone and Telegraph Line Tract Line Trail Tramway Tunnel Use permits Warranty Deed Withdrawal	n Daniel Con	10 8 10 32 31 33 9 26 29 43 18 5	2 2 2 5 5 5 2 4 5 7 3 1 3

### RANGE IMPROVEMENT SYMBOLS

THIRD THE ROVENING D	THEOTIC	
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### SPECIAL INFORMATION

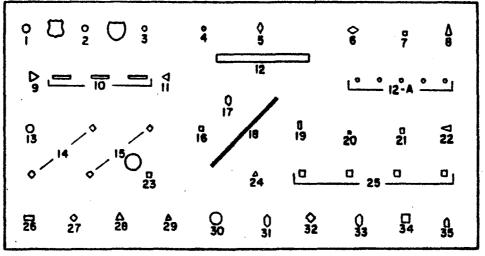
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### TECHNICAL PEN SIZE CONVERSION TABLE

OLD STANDARD PEN	** INCH MEASURE	NEW METRIC PEN	INCH EQUIVALENT
000	.010	.18mm	.0071
00	.013	.25mm	.0098
1 .	.021	. 35mm	.0138
2	.026	.50mm	.0197
3	.035	.70mm	.0276
4 .	.043	1.00mm	.0394
5	.055	1.40mm	.0551

Note: Since the standard pen sizes vary depending upon the manufacturer, it is highly desirable that BLM convert to the use of carbide-tipped metric pens as they replace their equipment. Conversion should be accomplished as soon as possible.

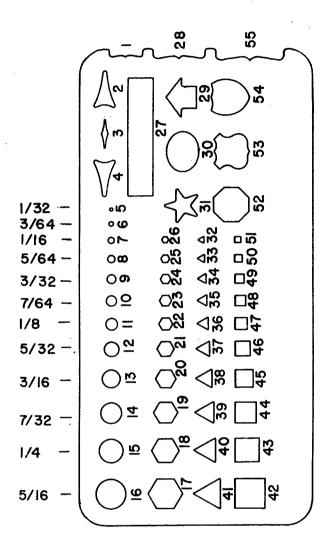
<sup>\*</sup>Smaller pen sizes than those noted (above) are not adequate for microfilming purposes.
\*\*Approximate size.



TEMPLATE A (USGS)

NOTE: Many symbols require that the template be placed in a combination of positions to produce the desired symbol image.

Standard template prepared by USGS can be ordered from Special Mapping, DSC.



### TIMELY T-41 Or Equivalent

Standard template available at most Drafting Supply Houses. Use in conjunction with USGS template so all symbols can be drafted uniformly.

### LINE STANDARDS For use in maintaining existing records and for restoring, redrafting, and establishing new records.

**BLM MANUAL** 

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				T	SCALE 30 CHAINS = 1 INCH
FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
SINGLE PATENT LINE		. 50mm pen	Solid Line		Cover all of Survey Line. Equals 1,99mm pen (double patent line) when overlapped on beth sides of Survey Line. (Used for all title transfers and potential transfers)
DOUBLE PATENT LINE		1. <b>90mm</b> pen	Solid Line		Use when two title transfers or potential transfers are adjacent to each other.
POBLIC SALE		.50mm pen	Solid Line		Same as patant line. All plats reflect title.
STATE GRANT, SELECTION N EXCHANGE. LIEU SELECTION		. 50mm pen	Solid Line	·	Same as patent line. All plats reflect title.
WARRAMTY DEED		. 50mm pen	Solid Line		Same as patent line. All plats reflect title.
RAILROAD Grant		. 50mm pen	Selid Line		Some as patent line. All plats reflect title.
ALLOTMENT Line		.50mm pen	Selid Line		Same as patent line. All plats reflect title.
	SINGLE PATENT LINE  DOUBLE PATENT LINE  POBLIC SALE  STATE GRANT, SELECTION  EXCHANGE. LIEU SELECTION  WARRANTY DEED  RAILROAD GRANT  ALLOTMENT	SINGLE PATENT LINE  DOUBLE PATENT LINE  POBLIC SALE  STATE GRANT, SELECTION  EXCHANGE. LIEU SELECTION  WARRANTY DEED  RAILROAD GRANT  ALLOTMENT	SINGLE PATENT LINE  DOUBLE PATENT LINE  1.00mm pen  1.00mm pen  STATE GRANT, SELECTION  STATE GRANT, SELECTION  WARRANTY DEED  RAILROAD GRANT  ALLSTMENT  .50mm pen  .50mm pen  .50mm pen  .50mm pen	SINGLE PATENT LINE  DOUBLE PATENT LINE	SINGLE PATENT LINE  DOUBLE PATENT LINE

BLM							SCALE 30 CHAINS = I INCH
BLM MANUAL	ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	
	8	SECTION LIME AND SURVEY LIME		. 25mm pen	Solid Line		Delineate actual survey information.
	9	TRACT LINE		. 25mm pen	Solid Line		
	10	MINERAL OR Homestead Survey		. 25mm pen	Solid Line		
	11	AGONTACO LANGS		. 25mm pen	Solid Line		Outline only where tract is not boundaried by other lines. Shade interior with 310 Zip-a-tene or 7183 Format.
	12	PUBLIC EAW 187		. 25mm pen	Solid Line		Outline all areas affected.
1	13	LOT LIME	+	. 25mm pen	Bash	4 Chains	Extend the 4-Chain-Dash from lot corner in every direction needed to delineate let boundaries.
1	14	SURVEYED MEANDER		<b>. 25mm</b> pen	Solid Line		Braft in a series of straight lines, shown in accordance with cadastral plat.

		•			<del>,</del>	
						SCALE 30 CHAINS = 1 INCH
ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
15	WITHDRAWAL, CLASSIFICATION, RESERVES, INTERNATIONAL SOUNDARIES	Augus • Augustump • Wild	.50mm Pen	Dash Dot Space	8 Chains .50mm pen 1 Chain	Stagger dots if two or more Withdrawal Lines run parallel to each other.
18	RECREATION AND PUBLIC PURPOSE (REPP)		.50mm Pen .50mm Pen .35mm Pen			Use Withdrawal Line for classification as R&PP. Use Patent Line if it is an application for R&PP Patent. Use Lease Line if it is an application or approved lease.
17	LEASE LINE		.35mm Pen	Dash Space	4 Chains 1 Chain	Use when any Public Lands are leased on a temporary basis.
18	USE Pe <b>nn</b> it		.35mm Pen	Bash Space	4 Chains 1 Chain	Same as lease fine. Annotate type of permit.
19	BESIGNATED AREAS	Charles Charles	. 50mm Pen	Dash Space	8 Chains 3 Chains	If designated areas are later changed to a Withdrawal, the addition of dots facilitates a fast change of symbols.
20	AVIATION SITE		. 35mm Pen	Dash Space	4 Chains 1 Chain	Same as lease fine.
21	STATE SOUDARY LINES		.35mm Pen	Leng Besh Space 2 Short Bashes	16 Chains 1 Chain 4 Chains each	Usa is eptional. All film.

BLM		·					SCALE 30 CHAINS = 1 INCH
BLM MANUAL	ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
	22	PROTRACTION LINE		. 18mm Pen	Dash Space	4 Chains 1 Chain	Use enly to divide 1/4 sections on Mineral Location Plats. Do not draft on any other Plats.
	23	DISTRICT BOUNDARY ORC BOUNDARY CWR BOUNDARY		.70mm Pan	Dots	3 Chains between center of dots	
	24	PIPE LINE Or conduit	<u> </u>	. 25mm Pen	Bars	Capital H on 60 Template	H spaced at 10 chain intervals.
	25	ROAD		. 25mm Pen			Use Railroad pen with lines 1 1/2 chains apart.
	26	TRAIL OR FIREBREAK		. 25mm Pen	Dash Space	2 Chains 1 Chains	Use where foot, historical, horse trails, firebreaks, or Right-of-ways are to be neted. (To be labeled.)
Re	27	COMMUNICATION SITE		. 25mm Pen	Solid Line		Draft to scale. Minimum of 5 chains on a side.
Rel. 1-1380	28	CORRIDOR (R/W's)	c	. 25mm Pen	C Space	Capital C en 80 Template 1 Chain	Use on three or mere paralle! Right-of-ways. C spaced at 18 chain intervals, with 1 chain space on each side of C.

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						SCALE 30 CHAINS = I INCH
ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
29	RAILROAD OR TRAMMAY		. 25mm Pen	Cross Tie	Capital I on 60 Template	i spaced at 18 chain intervals.
36	PORTER TRANSMISSION LINE		. 25mm Pen	Bots	. 70mm Pen	Dots are spaced at 10 chain intervals. if fine is underground, annotate UNDQD.
31	TELEPHONE LINE		. 25mm Pen	Dots	. 70mm Pen	Dets are staggered at 10 chain intervals on each side of the line.
32	TELEGRAPH LIME	<del>-1 1</del>	. 25mm Pen	T	Capital T on 89. Template	T spaced at 19 chain intervals.
33	TELEPHONE AND TELEGRAPH LINE	* T *	. 25am Pen	Bots T	.79mm pen Capital T on 80 Template	Dets are staggered at 10 chain intervals on each side of the line.
34	Ditch Gr Canal		. 25mm Pen	Arrew Space	T-41-3 1 Chain	Point of arrow spaced at 10 chain intervals, Use only half of symbol. Leave open. Arrows point in direction of flow.
35	FLUME OR Aqueduct		. 25mm Pen	Arrow	T-41-3	Peint of arraw spaced at 18 chain intervals. Use only half of symbol. Leave open. Arrows point in direction of flew.

						SCALE 30 CHAINS= I INCH
ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL Elements	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
36	CATHOBIC Protection Station	→ <b>-</b>	. 25mm Pen	Bers	Capital M on 60 Template	H spaced at 10 chain intervals.
37	RESERVOIR OR LAKE WATER LINE		. 25mn Pen . 18mm Pen	Shore Water Line	Solid Line 10 Chains long, 1 chain space	if waters are meandered, depict by series of straight lines. Unsurveyed water lines curve.
36	RIVER OR LANGE STREAM		. 25mm Pen . 18mm Pen	Bank Water Line	Solid Line 10 Chains long, 1 chain space	if waters are meandered, depict by series of straight lines. Unsurveyed water lines curve. Indicate direction of flow by arrow.
39	IMPORTANT Stream	>	. 25 <del>ma</del> Pen	Solid Line	Solid Line	Label along course of stream. May be used to portray general area of Wild and Scenic River or withdrawal tied to this geographic feature.
40	CAUGING STATION	•	. 25mm Pen	Circle Dash	T-41-11	Cross circle into quarters with 800 pen. Fill top right and bettem left quarter. Center over point of location.
41	Mat Site, RR Sta Grounds, Communication Site, Micro- wave Sites		. 25mm Pen			Draft to scale. Minimum of 5 chains on a side.
42	METEORLOGICAL Site	呇	. 18mm Pen	Square Leader Cross Dot	A-34 A-16 T-41-34 .35mm pen	Center square over exact location.

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N WT						·	SCALE 30 CHAINS = 1 INCH
BLM MANUAL	ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
	43	TUNNEL	>====	. 25mm Pen	Dash Space Width Wing	4 Chains 1 Chain 2 Chains T-41~35	
	44 .	DIKE OR LEVEE FLOOD CONTROL	ппппп	. 25mm Pen	Solid Line Bar Spacing	2 Chains 2 Chains	Nachures peint away from water area.
	45	US MINERAL MONUMENT OR LOCATION MONUMENT	<u>^</u>	. 25mm Pen	Triangle Dot	T-41-35 .35mm pen	Center ever exact location and label.
	46	PLANT SITE (RIGHT-OF- WAY)		. 25mm Pen			If site is less than 300° square, delinate by using a square of 5 chains on a side for the 30-scale plats. Senter on appreximate location, If detail is needed, make a larger scale supplemental plat.
	47	AND SEADER	<b>*</b>	. 18mm Pen	Leader Arrow	Repidesign No 73 T-41-3	Use for annetating legend into small areas.
۲a	**	AGREED HEAD AGR AGREETATIONS		. 25am Pen	ARROT	T-41-3	Use when two or more annotations are blocked and arrowed into the same small area
Dal 1 1200	49						

3LM N				,			SCALE: 30 CHAINS=I INCH	
BLM MANUAL	ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS	
r	50	CONVEYER BELT	<del>) )</del>	.25 mm Pen	Bracket	T 41-24	Space brackets at 10 chain intervals centered on the conveyer ROW line.  Direction of belt	
						·	- · · · · · · · · · · · · · · · · · · ·	
IJ D							•	
Rel 1-1380	·						·	

# STANDARI

California) may wish to continue maintenance in the same style lettering used on their present records. All restored plats must Note: The states originally installed on microfilm (Oregon, Idaho, and

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BLA	LETTERING: TITLE (SLANTED) SURVEY (VERTICAL)		SCALE 30 CHAINS= I INCH
BLM MANUAL	FEATURE	LEROY GUIDE	INSTRUCTIONS
T	MAJOR HEADING	240 C	Voe 1.00mm pen. Vertical caps.
	Acquired Lands (for HI only)	200 CL	Use .70mm pen. Full stant caps and lewer case.
	SUBHEADING (COUNTY NAMES & COUNTY NUMBERS, ACQUIRED LANDS NOTATION IN UPPER RIGHT HAND CORNER)	140 C	Use .35mm pen. Vertical: caps.
S.N.	SECTION NUMBER, BOOK NUMBER	140 C	Use .35mm pen. Vertical caps.
	COUNTY NAMES WITH COUNTY LINES	140 C	Use .35mm pen. Vertical caps.
Re1	TOWNSHIP OFFSET	100 C	Use .25mm pen. Vertical caps. Use to apostate Range and Tewaship wherever effects occur around perimeter of plat
1. 1-1380	ACRES, LOTS, MINERAL SURVEY, and HOMESTEAD SURVEY	100 C	Use .25mm pen. Vertical caps. All normal notations.

BLM			SCALE 30 CHAINS=1 INCH
BLM MANUAL	FEATURE	LEROY GUIDE	INSTRUCTIONS
[ [	TRACT NUMBERS and INDEX TO SEGREGATED TRACTS	100 C	Vie .25mm pen. Vertical caps.
	SURVEY DATA and ANNOTATION to SEE SUPPLEMENTAL PLAT	100 C	Use .25mm pen. Vertical caps.
	Township, Range, Meridian Name	100 CL	Use .25mm pen. Vertical caps and lower case. Lower right— hand corner of plat and HI.
	Protraction Diagram and Number	100 CL	Use .25mm pen. Vertical caps and lower case. Top lefthand corner or plat.
	Proper Names of Water Areas and Other Objects	100 CL	Use ,25mm pen. Full slant caps and lewer case. Spread befitting area named.
Rel.	ACRES, LOTS, MINERAL SURVEY, HOMESTEAD SURVEY	80 C	Use .25mm pen. Vertical. caps. Use only where Survey information must be arrowed into space.
L. 1-1380	DISTRICT NAME and NUMBER	. 80 C	Use .25mm pen. Full slant caps. Genter en Title Bleek.

Appendi
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M Id	LETTERING: TITLE (SLANTED) SURVEY (VERTICAL)		SCALE 30 CHAINS = 1 INCH	
DI M MANITAT	FEATURE	LEROY GUIDE	INSTRUCTIONS	
	Right Hand Margin (REMARKS COLUMN)	80 CL	Use .25mm pen. Full stant caps and lewer case.	
1	Patents, Leases, Withdrawals, and Public Laws and Orders Rtght-of-ways	80 CL	Use .25mm pen. Full siant caps and lower case.	
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	SCALE 30 CHAINS=1 INCH	
FEATURE	VARITYPER FONT	INSTRUCTIONS
RANGE AND TOWNSHIP, BOOK NUMBER, MERIDIAN NAME	438-10	Use 12 characters per inch, all caps. Lower righthand cerner of page.
TOMORSHIP OFFSETS	430-10	Use 14 characters per inch, all caps. Use to annotate Range and Township wherever offsets occur around perimeter of plat.
PROTRACTION DIAGRAM AND NUMBER	430-10	Use 12 characters per inch, caps and lower case, top lefthand corner of plat.
ACRES, LOTS, MINERAL SURVEYS, AND HOMESTEAD SURVEYS	430–10	Use 18 characters per inch, all caps, all nermal anno- tations.
SURVEY DATA AND ANNOTATION TO SEE SUPPLEMENTAL PLATS	430-10	Use 12 characters per inch.
TRACT NUMBERS AND INDEX TO SEGREGATED TRACTS	4 <del>39</del> –10	Use 16 characters per inch, all caps.
ACRES, LOTS, MINERAL SURVEYS, AND HOMESTEAD SURVEYS	430-8	Use 16 characters per inch, all caps. Use only where Survey information must be arrowed into space.

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		SCALE 30 CHAINS=1 INCH
FEATURE	VARITYPER FONT	INSTRUCTIONS
DISTRICT NAME AND NUMBER	31510	Use 12 characters per inch, all caps. Center on Title Block.
Remarks Column	315–10	Use 14 characters per inch, caps and lower case.
Patents, Leases, Withdrawals, Public Law 167, Orders, and Right-of-Ways.	315-10	Use 12 characters per inch, caps and lower case.
		·

BLM MANUAL

## RANGE IMPROVEMENT

SYMBOLS

Appendix	
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Page	
27	

BLM			••••••••••••••••••••••••••••••••••••••				SCALE 30 CHAINS= I INCH
BLM MANUAL	ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
<b>.</b>	1	RESERVOIR		. 25 mm Pen	Dam Tick Arrow	To Scale A-14 A-41-3	
	2	CHECK DAM	<b></b>	.70mm Pen	Arrow Dam	T-41-3 tetter   on 248 Template Extend 3 Chs	
	3	DETENTION Dam	+	.70mm Pen	Dam Arrow	Letter I en 200 Template T-41-3	<i>;</i>
	4	BIVERSION Dam	-	.70mm Pen	Dam Arrow	Letter I on 200 Template T-41-3	
	5	IMPROVED Spring	•}►	. 25mm Pen	Circle Leader Crossbar Ticks Arrow	T-41-8 T-41-48 T-41-48 A-14 T-41-3	
Re	8	WELL .	•	. 25mm Pen	Girele	T-41-8	
Rel. 1-1380	7	ARTESIAN Well	Ŷ	.25mm Pen	Circle Leader Peaks	T-41-8 T-41-49 T-41-32	

1275 - LAND STATUS RECORDS

						SCALE 30 CHAINS: I INCH
ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
8	TROUGH	<i>ل</i> ــــــــــــــــــــــــــــــــــــ	.25mm Pen	Base Sides Leader End	T-41-49 T-41-49 T-41-44 T-41-51	
9	EARTH TANK	<b>=</b>	. 25mm Pen	Ends Length Total	T-41-8 6 Chains	
10	STORAGE Tank	•	. 25mm Pen	Circle	T-41-8	·
11	FLUME Or Aqueduct		.25mm Pen	Arrows Spacing	T-41-3 10 Chains	
12	DITCH Or Canal		.25mm Pen	Dash Arrow Space	9 Chains T-41-3 1 Chain	
13	BRIDGE	H	.25mm Pen	Width Ticks	2 Chains A-14	·
14	GUZZLER	•	.25mm Pen	Sides Circle	T-41-34 T-41-12	

Appendix
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Page
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						SCALE 30 CHAINS= I INCH
ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS .
. 15	LIVESTOCK ROUTE	-11-	. 25mm Pen	<b>Dash</b> Space Bar	8 Chains 1 Chain Letter I on 60 Template	
18	FENCE	<del>-× -×-</del>	. 25mm Pen	Ticks Spacing	Capital X on 60 Template 19 Chains	
17	FENCE ON PATENT LINE	<del></del>	. 25mm Pen	Ticks Spacing	Capital X on 80 Template Capital X on 100 Template 10 Chains	Use for single Patent Lines. Use for double patent Lines.
10	CATTLEGUARD	Д	. 25mm Pen	Overall Width Length Ticks	2 Chains A-10 A-14	
19	CORRAL	Ċ	. 25mm Pen	Circle Gate	T-41-11 T-41-51	
29	ROAD		. 25mm Pen			Use Railroad pen.
21	TRAIL		. 25mm Pen	Dash Space	3 Chains 1 Chain	`

						SCALE 30 CHAINS=1 INCH
ITEM	FEATURE	SYMBOL	LINE WEIGHT	SYMBOL ELEMENTS	DIMENSION OR TEMPLATE NO	INSTRUCTIONS
22	SHELTER	П	. 25mm Pen	Top Base Front Back	T-41-47 T-41-47 T-41-49 T-41-50	
23	WINDMILL	Å	.25mm Pen	Circle Diagonals	T-41-8 T-41-38	
24	LAND TREATMENT AMEA		.25mm Pen	Spacing	1 Chain (Approx)	Outline to shape.
25	STUDY PLOT	**	. 25mm Pen	Ticks	Capital X on 60 Template	Outline to shape.
	22 23 24	22 SHELTER  23 WINDMILL  24 LAND TREATMENT AREA	22 SHELTER II  23 WINDMILL  24 LAND TREATMENT AREA	22 SHELTER .25mm Pen  23 WINDMILL .25mm Pen  24 LAND TREATMENT AMEA .25mm Pen  25 STUDY PLOT .25mm	22 SHELTER D. 25mm Pen Top Base Front Back  23 WINDMILL A. 25mm Circle Diagonals  24 LAND TREATMENT ANEA Pen Spacing  25 STUDY PLOT ** .25mm Pen Ticks	SYMBOL WEIGHT ELEMENTS TEMPLATE NO  22 SHELTER  23 WINDMILL  24 LAND TREATMENT AREA  25 STUDY PLOT  SYMBOL WEIGHT ELEMENTS T-41-47 T-41-47 T-41-49 T-41-49 T-41-50  Circle Diagonals T-41-8 T-41-38  1 Chain (Approx)  25 STUDY PLOT  25 STUDY PLOT  26 SYMBOL WEIGHT ELEMENTS Top Base T-41-47 T-41-49 T-41-49 T-41-38  T-41-38  T-41-38  Capital X on 60

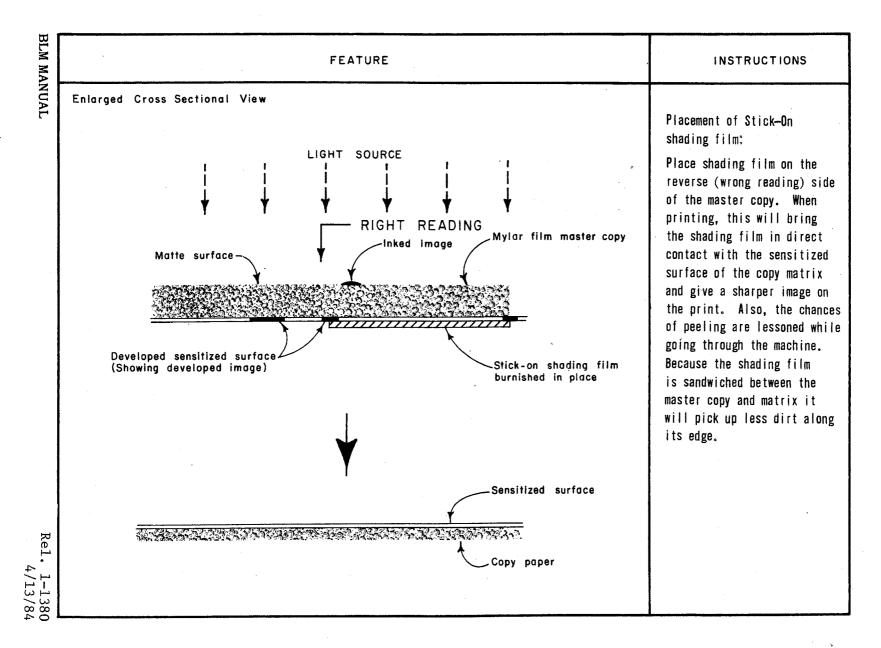
## STCK ON FILM Shading film must be matte surface type, for inking purposes, with heat resistant adhesive and preferably mylar base.

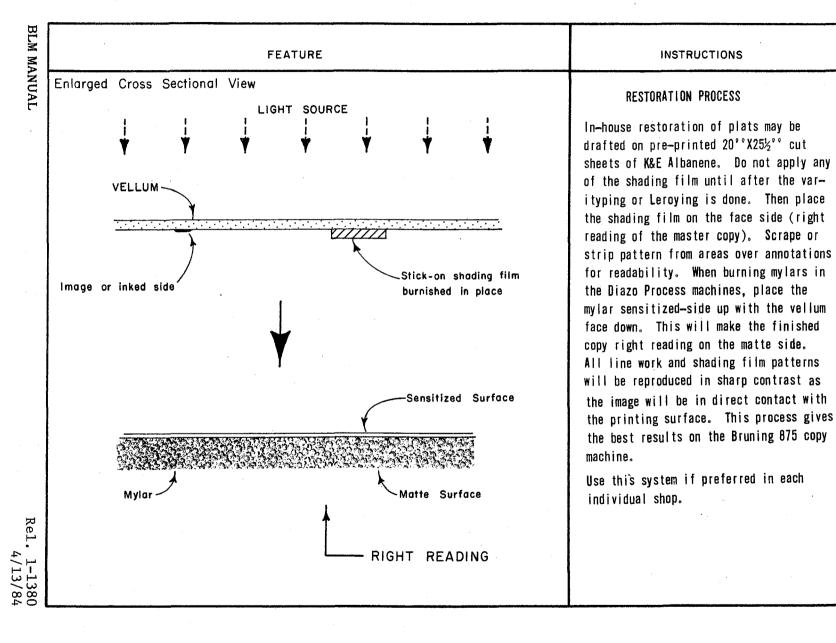
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M M			·		SCALE 30 CHAINS = 1 INCH
BLM MANUAL	FÉATURE	SYMBOL	SHADING FILM	RUB-ON	INSTRUCTIONS
•	ACQUERED LANDS		310 Zip-a-Tone 7183 Format		Outline area with .25mm pen except where bounded by other lines. Apply to <u>reverse</u> side of film.
	COUNTY LINES		650-20 Zip-a-Tone 7037 Format D-60 Chartpak		<b>But</b> tape strip 5 chains wide. Cut curved portions with K&E 56-1022 Dual Line Cutter. Tape will straddle county boundary. Apply to <u>reverse</u> side of film.
	UNSURVEYED BOUNDARY	Surveyed Boundary	7070 Format		Cut tape strip 4 chains wide. Lines should run from NW to SE (right side reading). Apply to <u>reverse</u> side of film.
	OIL AND GAS Simultaneous	10 78 2 80 OG Sim OG Sim NOL		Chartpak H.R. 19910 Special Order	Rub on and scrape off of OG Plat as required.
Rel. 1-1380	•				

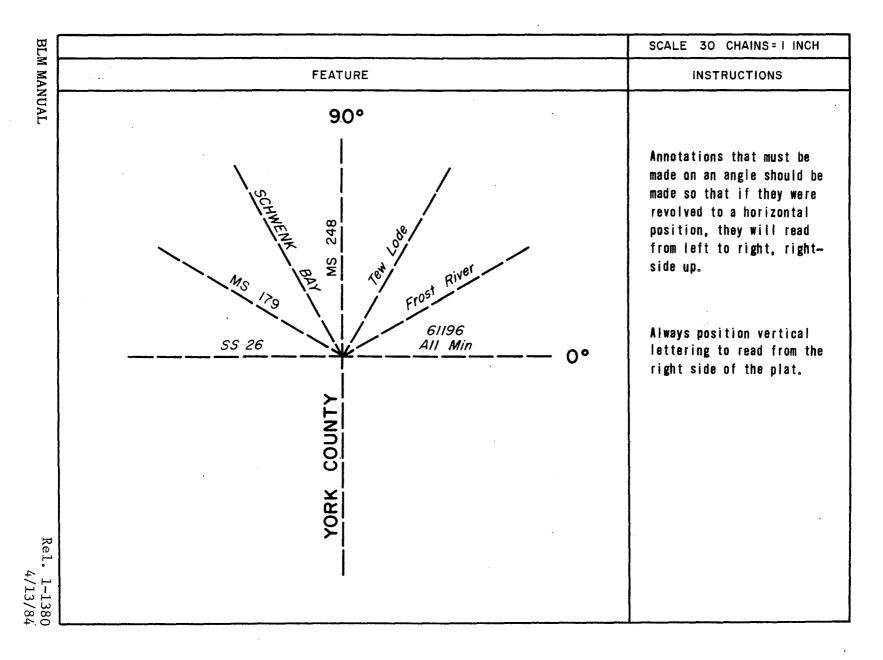
# DRAFTING PRACTICES





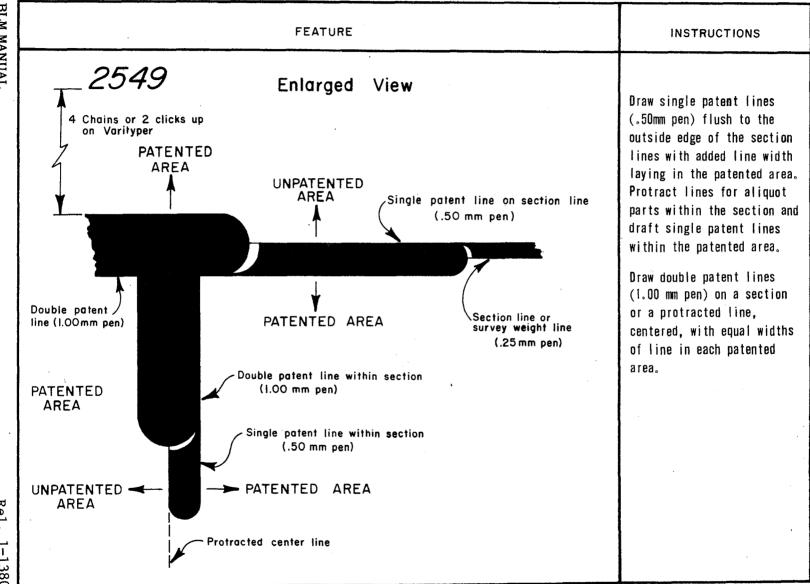
FEATURE		INSTRUCTIONS
Enlarged edge view		When using a continuous pattern film, make splices as follows:
Shading Film  Base Material	()	1. Line film strip with overlap so there is a continuation o the pattern.
	2	2。 Cut joint (both ends of film with sharp knife.
	3	3. Remove truncated portion of film from ends. Butt joint together and burnish in place

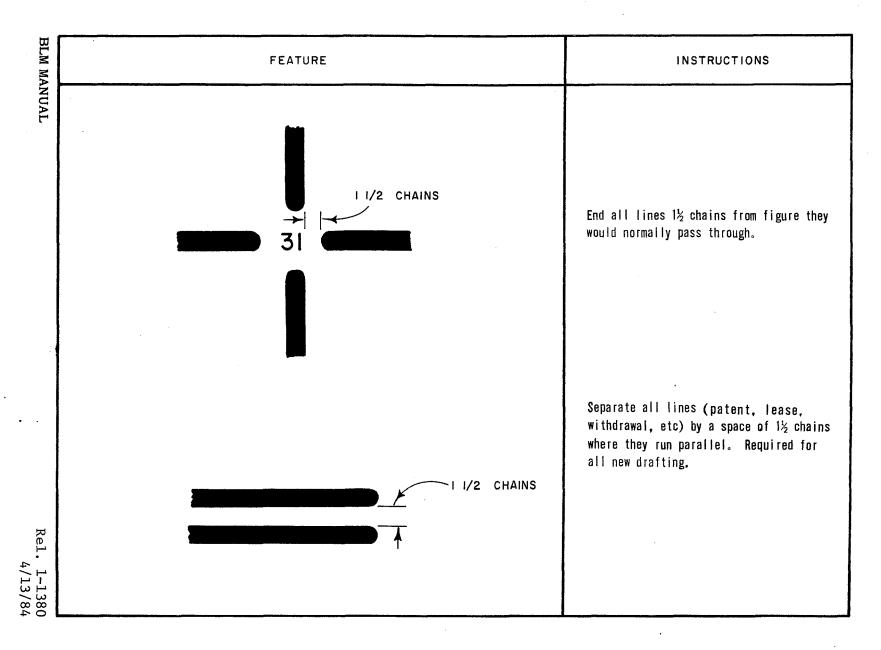
4/13/84

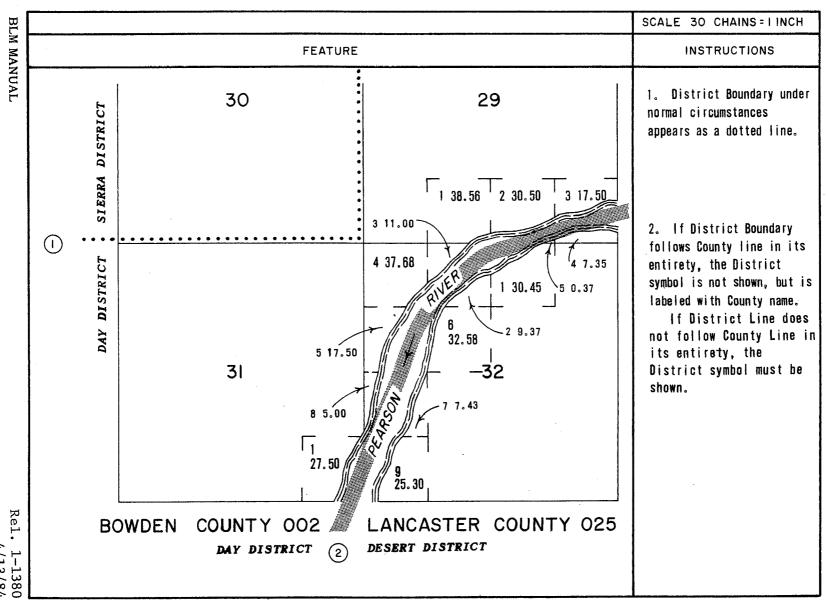


		SCALE 30 CHAINS = I INCH
FEATUR	RE	INSTRUCTIONS
Avoid	Preferred	
		Do not overrun any inked lines. When lines meet they shall form sharp corners.
	<u> </u>	Maintain 1½ chain distance between all delineations. Lines must run parallel.
	<u>                                     </u>	
		Clese corners on all broken lines, even if you must extend the dash beyond the line length limit. Lines must have continuance for the eye
	<u></u>	Make dash a little longer to carry around corner. If area is congested, class corner.
ļ.    -	الم	Do not place dot in a nen-centinueus cerner.
		Avoid Preferred

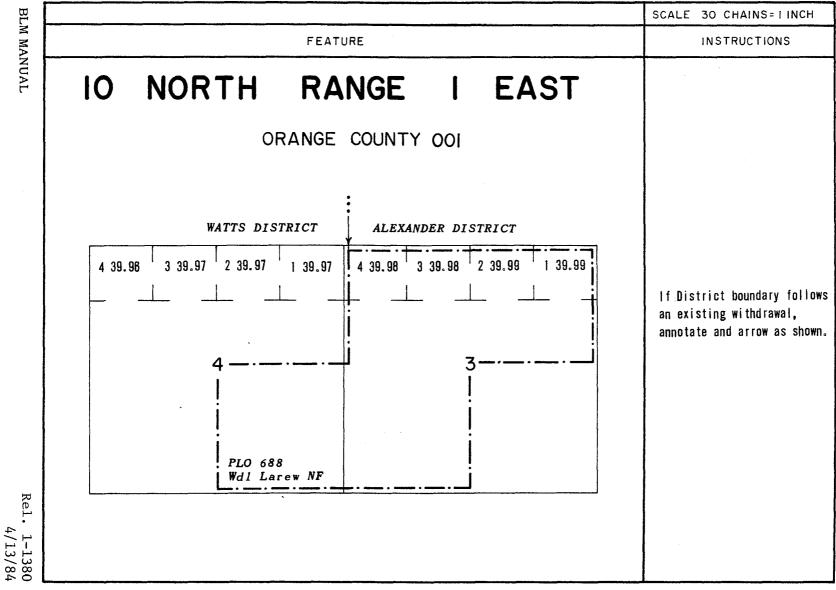
BLM MANUAL	FEAT	INSTRUCTIONS		
NUAL	Avoid	Preferred	Avoid wavy outline around any zipped area.	
			Cut all shading on existing inked lines. Burnish film into place to remove air pockets so film will print evenly.  Do not attempt to ink along the edge of film after it is burnished in place.  Ink the required lines, let dry, and apply film.	
Rel. 1-1380 4/13/84				





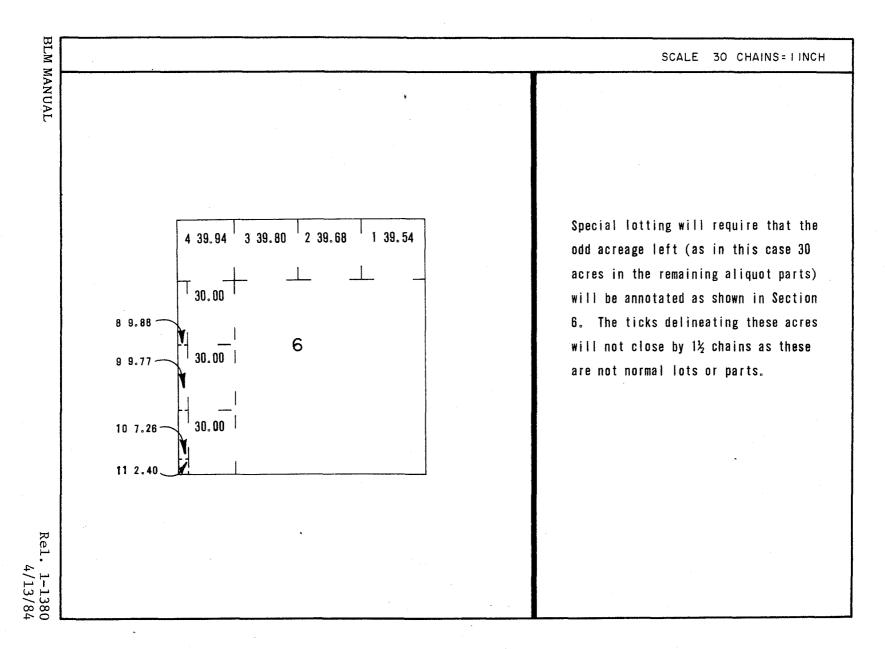


. 1-1380 4/13/84



TOWNSITE			NOT TO SCALE			
FEATU	RE		INSTRUCTIONS			
This information is needed only whe retained by the United States withi should be shown for adjudication puing a townsite and must be shown on	n a corporate city boundary and rposes or when the BLM is grant-	and then fill area it at a 45 degree a This Plat is needed has been retained be shown for adjud BLM is granting a	Line, outline design with Format 7060 angle, top right to donly when the mind by the United States ication purposes or Townsite. This play ands within corporation 541-429	D. placing bottom left. eral estate sand should when the twill		
4438	ss 2					
0/0 06	U 37649 Peterson Townsite	Leroy letter sizes O-2,500	according to popul  Manti	ation. (Vertical		
34	35	2,500-5,000	Vernal	120 CL		
		5,000 – 10,000	Price	140 CL		
	`	10,000-25,000	LOGAN	175 C		
		25,000 & Over	OGDEN	240 C		

	·	SCALE 30 CHAINS - I INCH
BLM MANUAL	FEATURE	INSTRUCTIONS
UAL		
		Master Title and Use Plats must be listed on all film. Do not list supplemental plats as they are already annotated on the map All films of Master Title Sup- plemental Plats and Use Supple-
		mental Plats, will list only the supplemental plats.
	CURRENT TO CURRENT TO	List only existing plats and remove annotation when any use plat is voided and removed from the file.
	USE PLATS COAL, POT, PHO, SOD, GEO, GEO STM, OG NO 174	Book and Drawer No. 140 C35mm pen
1	SL Mer	Label in this order - all film, with OG Plat last. 100 CL Leroy or 430-8 varitype.
	R 2 E	Only list existing plats.



## DRAFTING AIDS

The following material may be removed from the appendix and used as an underlay to facilitate the drafting of special items.

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BLM N	SUPPLEMENTAL SCALES USED WITH 30	CHAINS = I INC	H BASE SERII	ES PLATS	
BLM MANUAL	BAR SCALES	FRACTIONAL SCALE	CHAINS PER INCH	FEET PER INCH	INCHES PER MILE
	SCALE in chains 10 5 0 10 20 30 60	1:23760	30	1,980	2.666
	SCALE in chains 5 0 5 10 20	1:7920	10	660	8.00
	SCALE in feet 500 0 250 500 1000	1:6000	7.57	500	10.56
	SCALE in chains  5 0 5 10	1:3960	5 ^	330	16.00
	SCALE in feet 150 50 0 150 300 600	1:3600	4.54	300	17.80
Rel.	SCALE in chains 2.50 2   0 2.50 5	1:1980	2.50	165	32.00
1-1380	SCALE in feet 100 50 0 100 200	1:1200	1.51	100	52.80

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**BLM MANUAL** 

1275 - LAND STATUS RECORDS

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PRINCIPAL MERIDIAN GUIDE SHEET  140 C, 35mm Pen										
BLACK	HILLS				M	ER	I D	ΙΑ	N	
BOISE		M	Ε	R	1	D	1	Α	N	
CIMARRON		М	Ε	R	i	D	ı	Α	N	
COPPER	RIVER				M E	ER	۱D	ΙΑ	N	
F A'I R B A N K	S	M	Ε	R	ı	D	1	Α	N	
FIFTH PF	RINCIPAL				M E	ER	I D	ΙA	N	
GILA & SAI	LT RIVE	3			MI	ER	I D	ΙA	N	
HUMBOLDT		М	Ε	R	1	D	ı	Α	N	
INDIAN		M	Ε	R	l	D	I	Α	N	
KATEEL	RIVER				M E	ER	I D	ΙA	N	
30 S	cale 180 Chains if	roo	n al	lows	s —					

1-1380 4/13/84

-30 Scale 180 Chains if room allows-

INTAH

PRINCIPAL MERIDIAN GUIDE SHEET

MERIDIAN

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BLM MANUAL

### Document Briefing Form

DEPARTMENT OF THE INTERIOR									TOWNSHIP RANGE							
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DOCUMENT BRIEFING FORM Sheet of Sheets							SERIAL	HO.						·		
SECTION	SUBDIVISION															
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Document	lia.				Date o	Action				Bate Po:	sted					
Remarks:																
Serial Page Plats Historical ladex																
RESERVATIONS																
BRIEFEO FOR OTHER TOWNSHIP'S YES NO Conflict																
Date Abstracted by (Signature)																
<del></del>	Form 1275-															

NOTE: The primary function of this form is for use within the Title and Records Section for dissimination of information and as a training aid for new technical typists. However, it can be attached to the case file to alert the adjudicator to conflicts or problems found. The use of this form can save time for all concerned persons doing case work.

- 1 Use separate form for each township involved in each action. Fill in township, runge meridian, and serial number.
- Write in section or tract number or numbers and indicate any subdivisions by the use of an X.
- 3 Lots: If only one section is involved, list the lots by number on the lot line. If more than one section in the action contains lots, list in this manner: Exemple: Sec 3: 1, 2, 3, 4; Sec 4: 2, 3
- 4 Acres: Record total acres involved in the individual township only. If more than one township is involved or if acreage figures do not correspond to those in the documents, write "See reverse" in the acres line and show computations on the reverse side of the sheet. Label each entry. Perform all computations on the back of sheet one only.
- 5 Write "other description" as technical typist should enter the annotation on the HI. List Metes and Bounds surveys and/or other townships on these lines. If there are too many for space provided, write "see reverse" and list on back of form.
- 6 List patent; withdrawal, classification, etc., numbers in the Document Numbers space.
- 7 Each person who does the work on the "Serial Page", "Plats", or "Historical Index" will initial in the appropriate space.
- To alert the checker and/or adjudicator of a "conflict" note in the following manner: Examples: See Acres: See "Lots", etc., or if there is no conflict write "NA". Always fill out this space Write "see reverse" if explanation is needed and use back side of the sheet.

### STANDARD ABBREVIATIONS FOR LAND STATUS RECORDS



BLM MANUAL SECTION 1275 APPENDIX NO. 1 U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### Index of Standard Abbreviations

First Principal Meridian 1st Prin Mer Second Principal Meridian 2nd Prin Mer Third Principal Meridian 3rd Prin Mer Fourth Principal Meridian 4th Prin Mer Fifth Principal Meridian 5th Prin Mer Sixth Principal Meridian 6th Prin Mer Accept/Accepted Acpt Access Road A/Rd Acquired Acq Acre(s) Act of Congress Act of Cong Additional homestead entry AHE Additional stockraising homestead entry **ASRHE** Adjusted homestead entry AHE Administrative site Adm S Agriculture, Agricultural Agri Agriculture and Mechanical College A&M Col Agriculture Experiment Station Agri Exp Sta AF Air Force Air Navigation Site ANS Airport Arpt Alaska Housing Authroity AHA Als PS Alaska Public Sale Alaska Rural Rehabilitation Corp. Sale ARRCS All Minerals All Min Allot **Allotment** Amendment, Amended, Amends Amdt Anchors & Guys A/G Ancillary Facilities Anc Fas Appendix App Application Apln Application for extension Apln Ext Applicant Aplnt Appropriation, Appropriate, Appropriated Approp Approved Appvd Area Administrator Order(s) Area Adm O Area of Critical Environmental Concern ACEC Area Office A0 Asphalt Asph Assignment Asgn Atomic Energy Commission AEC Authorization Auth Aviation lease Av Lse

Balance	Bal
Bench Mark	BM
Bentonite	Ben
Black Hills Meridian	BH Mer
Block	B1k
Boise Meridian	Boise Mer
Boundary, Boundaries	Bdy; Bdrs
Bureau of Indian Affairs	BIA
Bureau of Land Management	BLM
Bureau of Land Management Manual	BLM-M
Bureau of Reclamation	BR
Bureau of Sports, Fisheries and Wildlife	FWS
Cadastral	Cad
Campground	Cpg
Cancellation, Cancelled	Canc
Case by case	С Ъу С
Cash certificate	CC
Cash entry	CE
Certificate	Cert
Chain, Chains	CH, Chs
Chickasaw Meridian	Chic Mer
Choctaw Meridian	Choc Mer
Cimmarron Meridian	Cim Mer
Circular	Circ
Classification	C1
Coal	Not Abbreviated
Coal declaratory statement	CDS
Code of Federal Regulations	CFR
Color of title	C/T
Commisssioner of Lands	C/L
Communication Site	Comm S
Community Pit	Comm P
Communitization Agreement	CA
Commuted homestead entry	CHE
Company	Co ·
Completed	Comp
Competitive	Compt Condemn
Condemnation	Condemi
Contain, Containing Control Document Index	CDI
Cooperative	Coop CBWR
Copper Piver Meridian	CR Mer
Copper River Meridian	C of E
Corp of Engineers Corporation	Corp
County	Not abbreviated
Country	HOL ADDIEVIALED

CRE Credit entry Cr Per Crossing permit Cult S Cultural site Cur Pat Curative patent Dedication Ded Deficiency Def Department of Agriculture Dept of Agri Department of the Interior Dep of Int Description Desc Desert Land entry DLE Designated or Designation Des Determination Det Diagram Dia Director D Disposal Disp District Dist District Manager DM Ditches and/or Canals D/C Document Doc Donation claim DC Duplicate, Duplication Dup Easement Esmt East E Eff Effective Elimination Elim. Enlarged homestead entry EHE Enlargement Enlgmt Established Estb Exchange(d) X ES Exchange survey Excluding, excluded Exc1 Executive Order EO Expire(d) Exp Explore, Exploration Exp1 Extended, extension, extend Ext Fairbanks Meridian Fbx mer Farmers Home Administration FHA Farm unit Fm U Federal Fed Federal Aviation Administration FAA Federal Farm Mortgage Corporation FFMC Federal Power Act FPA

Federal Power Commission	FPC
Federal Register	FR
Final certificate	FC
Fish and Wildlife Service	F&WS
Fissionable materials	Fis
Following	F1wg
Forest exhange	FX
Forest lieu selection	FLS
Forest Service	FS
Fractional	Frac
Fractional Interest Patent	Frac Int Pat
Free use permit	FUP
Fur farm lease	FF Lse
Gauging Station	G Sta
General Land Office	GLO
Geologic structure	Geol Str
Geothermal	Geo
Gila and Salt River Meridian	GSR Mer
Gold Gold	Gđ
Grazing district	GR Dist
Grazing lease	GS Lse
Grazing license	Gr Lic
Grazing permit	Gr Per
Half	1/2
Hardrock	Hr
Hazard	Haz
Headquarters Site	Hdq S
Highway	Hwy
Historical Index	HI
Historical Site	Hist S
Homestead declaratory statement	HDS
Homestead entry	HE
Homestead entry survey	HES
Humboldt Meridian	Hum Mer
Huntsville Meridian	Hunts Mer
T1 .16 T1 .161	T 1
Identify, Identification	Iden
Illustration	Illus
Including, Inclusive, Included	Inc
Incorporated	Incorp
Indemnity List	IL 
Indemnity selection	IS
Indian Allotment	IA

Indian Fee	Ind Fee
Indian homestead trust patent	Ind Hd Tr pat
Indian Meridian	Ind Mer
Indian reservation	Ind Res
Indian Trust	Ind Tr
Interest	Int
Interim Conveyance	IC
Interior Decisions	ID
Interior Land Decisions	ID ·
Interpretation	Intpr
Isolated tract	IT
Jurisdiction	Juris
Kateel River Meridian	KR Mer
Known Coal Leasing Area	KCLA
Known Geologic Structure	KGS
Known Geothermal Resource Area	KGRA
Known Leasing Area	KLA
Known Recoverable Coal Resource Area	KRCRA
Land (Lands)	LD (Lds)
Land Office	LO
Land Utilization	LU
Latitude	Lat
Lease	Lse
Leasable	Lsb1
Leasable Resource	LR
Letter	Ltr
License	Lic
Lieu selection	LS
Light house	LH
Limited	Ltd
Litigation	Lit
Location	Loc
Longitude	Long
Louisiana Meridian	La Mer
Lying within	L/W
Management	Mgmt
Master Title Plat	MTP
Material Site	Mat S
Meridian	Mer
Meteorological	Mg1
Metes and Bounds	M&B
Wishisan Mamidian	Mich Mor

Mich Mer

Michigan Meridian

Military Purpose	Mil Pur
Military Reservation	Mil Res
Military Road Grant	Mil RG
Military Wagon Road Grant	Mil WRG
Millsite	Mil S
Mineral	Min
Mineral Certificate	Min Cert or MC
Mineral Entry	ME
Mineral Location	ML
Mineral Location and Contest Index	MLCI
Mineral Monument	MM
Mineral Survey	MS
Mining Claim	MC
Mining Claim Occupancy Act	MCOA or MOA
Miscellaneous	Misc
Modification	Mođ
Monitor	Mtr
Monitoring	Mtrg
Montana Principal Meridian	Mont Prin Mer
Monument	Mon
Mount Diablo Meridian	MD Mer
Mountain	Mtn
Multiple	Mult
Multiple Use	Mult Use
MX Missile site Withdrawal	MX Miss site Wdl
MX Missile Right-of-Way Withdrawal	MX Miss Row Wdl
National	Nat1
National Forest	NF
National Monument	N Mon
National Park	NP
National Preserve	N Prs
National Resource Lands	NRL
National Wildlife Refuge	NWR
Native Allotment	NA
Native Group Selection	NG Sel
Native Primary Place of Residence	NPPR
Natural	Nat
Natural Gas	Nat G
Natural Systems or Processes	NSP
Navajo Meridian	Nav Mer
Navigable	NAV
New Mexico Principal Meridian	N Mex Prin Mer
Nitrate	Nit
Noncompetitive	nc
•	

North	N NE
Northeast	NE ·
Northwest	NW
Not Open to Entry	NOE
Not Open to Lease	NOL
Not Open to Mining	NOM
Oil and Gas	OG
Oil shale	OS .
Open to Entry	OE
Operation	Oper
Order	0
Oregon and California (revested lands)	O&C
•	
Parcel	Par
Part	Not abbreviated
Partially	Not abbreviated
Patent	Pat
Permission	Perm
Permit	Per
Petroleum reserve	Pet Res
Phosphate	Pho
Plant	P1t
Point	Pt
Potash	Not abbrevated
Potassium	Pot
Power Project	Pwr Proj
Power site	Pwr S
Preemption	Pre
Primary Place of Business	PPB
Principal Meridian	Prin Mer
Private exchange	PX
Private land claim	PLC
Proclamation	Proc
Project	Proj
Propose, Proposed	Prop
Prospecting permit	Pr Per
Protective Withdrawal	Prot Wdl
Public Domain	PD
Public Land Order	PLO
Public Law	PL
Public Sale	PS
Public Use	PU
Public water reserve	PW Res

Purchase Purposes Pursuant	Pur Purp Purs
Quarter Quicksilver Quitclaim deed	1/4 Qs QCD
Railroad Railroad indemnity selection Railroad grant Railroad lieu selection Railway Range Range improvement Ranger Station	RR RRIS RRG RRLS Ry R RI RG
Reciprocal Reclamation homestead entry Reclamation withdrawal Reclassified Reconveyed Recreation and Public Purposes Recreation Lease Recreation Conservation Area	Rcp1 RHE Rec1 Wd1 Re-c1 Recon R&PP Rec Lse RCA
Reference Refuge Regional Register and Receiver	re Rfg Reg R&R
Reinstated Rejected or rejection Relinquished or Relinquishment Remarks	Rein Rej Rel Rmks
Rescind, Rescinded Reservation or Reserve Reservoir Reservoir declaratory statement Resource(s)	Resc Res Resvr RDS Reso
Restoration or Restored Restricted Revested Revised Statutes Revocation or Revoked	Rest Rstd Rvst RS Rev
Right-of-way River Basin River sub-basin Road	R/W RB RSB Rd

Salt Lake Meridian	SL Mer
San Bernardino Meridian	SB Mer
School School	Sch
Scenic	Scn
Scenic Value	SV
Secretary of Agriculture	Sec of Agri
Secretary of the Interior	Sec of the Int
Secretary's Order	SO SO
	<del>-</del> -
Section	Not abbreviated
Segregation or Segregated	Segr
Selection or Selected	Se1
Serial Register	SR
Seward Meridian	Sew Mer
Silver	Si
Simultaneous	Sim
Site	Not abbreviated
Small holding claim	SHC
Small tract	ST
Small tract classification	ST C1
Small tract lease	ST Lse
Small tract sale	STS
Sodium	Sod
Soil and Moisture	S&M
Soldier's additional homestead	SAH
Soldier's declaratory statement	SDS
South	\$ \$
Southeast	SE
Southwest	SW
* * · · · · · · · · · · · · · · ·	SLUP
Special Land Use Permit	
Special Permit	Spec Per
St. Helena Meridian	St Hel Mer
St. Stephens Meridian	St Step Mer
State Director	SD
State Director's Order	SDO
State Exchange	SX
State Grant	SG
State Office	SO
State Selection	SS
Station	Sta
Stock Driveway	SDW
Stock driveway withdrawal	SDW Wd1
Stockraising homestead entry	SRHE
Storage	Sto
Subdivisions undefined	Subdiv Und
Subject	Subj
	~~~J

Submerged	Subm
Subsistence Camp Site	SCS
Subsurface Estate	SSE
Sulphur	Sul
Supplemental	Suppl
Surface	Surf
Survey or Surveyed	Sur
Suspended	Sus
Swamp and Overflow	S&0 `
Swamp Land Selection	SLS
owamp Land Beleetion	0110
Talla hasee Meridian	Tall Mer
Telegraph	Teleg
Telep hone	Tel
Temporary	Temp
Tentative Approval	TA
Terminate, Termination	Term
Temporary Use Permit	TUP
Territory or Territorial	Not abbreviated
Timber	Tmb
Timber and Stone	T/S
Timber culture	TC
Timber Cutting permit	TCP
Towns hip	T or Tp
Towns hips	Tps
Townsite	Tns
Tract	Tr
Trade and Manufacturing	T&M
Transfer	Trf
Transfer of Jurisdicition	Trf Juris
Transferred	Trfd
Transmission	Trans
Trespass	Trsp
Triangulation Station	Tri Sta
Unappropriated	Unapprop
Uintah Meridian	Uintah Mer
Uintah Special Meridian	Uintah Spec Mer
•	(Obsolete; see Uintah
•	Meridian)
Umbrella	Umb
Underground	UNDGD
Undetermined	Undet

Wd1

Wdn

W/I W/O

UA Unit Agreement United States Air Force **USAF** United States Code USC United States Geological Survey USGS United States Survey USS Unsurveyed Unsur Uranium Ur Ute Meridian Ute Mer Variable Interest Var Int Village V War Assets Administration WAA War Department War Dept Warrant Wt Warranty deed WD Washington Meridian Wash Mer Water Wa Water Power WP Water Power Designation WP Des Water rights WR Watershed WS West W Wild and Scenic W/S Wilderness Wdns Willamette Meridian Will Mer Wind River Meridian WR Mer With change(s) W/Chg

Withdrawal

Withdrawn

Within

Without

Acre(s) ACEC Area of Critical Environmental Concern A&M Col Agriculture and Mechanical College Acquired Acq Act of Cong Act of Congress Acpt Accept/Accepted A/Rd Access Road ADHE Adjusted homestead entry Adm S Administrative site AEC Atomic Energy Commission AF Air Force A/G Anchors & Guys Agriculture, Agricultural Agri Agri Exp Sta Agriculture Experiment Station AHA Alaska Housing Authority AHE Additional homestead entry All Min All Minerals Allot Allotment Als PS Alaska Public Sale Amd t Amendment, Amended, Amends Anc Fas Ancillary Facilities Air Navigation Site ANS Apln Application Alpn Ext Application for Extension Aplnt Applicant App Appendix Approp Appropriation, Appropriate, Appropriated Appvd Area Adm O Area Administrator Order(s) ΑO Area Office Arpt Airport ARRCS Alaska Rural Rehabilitation Corp. Sale Assignment Asgn Asph Asphalt ASRHE Additional stockraising homestead entry Aut h Authorization Av Lse Aviation lease Ba1 Balance Bdy; Bdrs Boundary, Boundaries Ben Bentonite BH Mer Black Hills Meridian BIA Bureau of Indian Affairs Block B1k BLM Bureau of Land Management BLM-M Bureau of Land Management Manual

BM Boise Mer

BR

**BFWS** 

Bench Mark Boise Meridian

Bureau of Reclamation

Bureau of Sports, Fisheries & Wildlife

C by C Case by Case C of E Corp of Engineers

CA Communitization Agreement

Cadastral Cad

Cancellation, Cancelled Canc

Cpg Campground

Coos Bay Wagon Road **CBWR** CC Cash certificate CDI Control Document Index CDS Coal declaratory statement CE

Cash entry Cert Certificte

Code of Federal Regulations CFR

Ch, Chs Chain, Chains

CHE Commuted homestead entry

Change Chg

Chic Mer Chickasaw Meridian Choc Mer Choctaw Meridian Cim Mer Cimmarron Meridian

Cir Circular

C/L Commissioner of Lands

C1 Classification

Co Company

Comm P Community Pit Comm S Communication Site

Comp Completed Compt Competitive

Con Contain/Containing Condemn Condemnation Соор Cooperation

Corp Corporation

CR Mer Copper River Meridian

CRE Credit entry CR Per Crossing permit C/T Color of title Cult S Cultural Site Cur Pat Curative patent

D Director DC Donation claim D/C Ditches and/or Canal Ded Dedication Def Deficiency Department of Agriculture Dept of Agri Dept of Int Department of the Interior Des Designated or Designation Description Desc Det Determination Diagram Dia Disposal Disp District Dist Desert land entry DLE DM District Manager Doc Document E East Eff Effective EHE Enlarged homestead entry Elim. Elimination Enlargement Enlgmt EO Executive Order ES Exchange survey Esmt Easement Estb Established Exc1 Excluding, excluded Expire(d) Exp Exp1 Explore, Exploration Extended, extension, extend Ext Federal Aviation Administration FAA F&WS Fish and Wildlife Service Fbx Mer Fairbanks Meridian FC Final certificate Fed Federal Fur farm lease FF Lse FFMC Federal Farm Mortgage Corporation FHA Farmer Home Administration Fis Fissionable materials FLS Forest lieu selection Fm U Farm unit F1wg Following [ ] FPA Federal Power Act FPC Federal Power Commission

FR Federal Register Frac Fractional Fractional Interest Patent Frac Int pat Forest Service FS FUP Free use permit FX Forest exchange Gd Gold Geo Geothermal Geol Str Geologic structure GLO General Land Office Gr Dist Grazing District Gr Lic Grazing license Gr Lse Grazing lease Gr Per Grazing permit Gila and Salt River Meridian GSR Mer G Sta Gauging Station Haz Hazard Hdq S Headquarters Site **HDS** Homestead declaratory statement HE Homestead entry HES Homestead entry survey HI Historical Index Hist S Historical site HR Hardrock Hum Mer Humboldt Meridian Hunts Mer Huntsville Meridian Hwy Highway IA Indian Allotment IC Interim Conveyance Interior Decisions ID Identify, Identification Iden Indemnity List IL ILD Interior Land Decisions Illus Illustration Including, Inclusive Inć Incorp Incorporated Indian Fee Ind Fee Ind Hd Tr Pat Indian homestead trust patent Ind Mer Indian Meridian Ind Res Indian reservation Ind Tr Indian Trust Int Interest Intpr Interpretation IS Indemnity selection Isolated tract IT

Juris Jurisdiction

KCLA Known Coal Leasing Area

KGRA Known Geothermal Resource Area

KGS Known Geologic Structure

KLA Known Leasing Area

KRCRA Known Recoverable Coal Resource Area

KR Mer Kateel River Meridian

La Mer Louisiana Meridian Lat Latitude Ld (Lds) Land (Lands) LH Light House Lic License Lit Litigation LO Land Office Location Loc Long Longi tude LR Leasable Resources

LS Lieu selection
Lsbl Leasable
Lse Lease
Ltd Limited
Ltr Letter

LU Land Utilization

Mat S Material site
M&B Metes and Bounds
MC Mining Claim

MCOA or MOA Mining Claim Occupancy Act
MD Mer Mount Diablo Meridian

ME Mineral entry
Mer Meridian
Mgl Meteorological
Mgmt Management

Mich Mer Michigan Meridian
Mil
Mil Res Military Purpose
Mil Res Military Reservation
Mil RG Military Road Grant
Mil WRG Military Wagon Road Grant

Mill S Millsite Mineral

Min Cert or MC Mineral Certificate

Miscellaneous Misc ML Mineral Location Mineral Location and Contest Index MLCI MN Mineral Monument Modification Mod Mon Monument Mont Prin Mer Montana Principal Meridian Mtr Monitor Mtrg Monitoring Mineral Survey MS Mtn Mountain Master Title Plat MTP Mu1t Multiple Mult Use Multiple Use N North NA Native Allotment Nat Na tural Nat G Natural Gas Natl National NAV Navigable Nav Mer Navajo Meridian nc Noncompetitive NE Northeast NF National Forest NG Sel Native Group Selection Nit Nitrate N Mex Prin Mer New Mexico Principal Meridian N Mon National Monument NOE Not Open to Entry NOL Not Open to Lease MOM Not Open to Mining NP National Park NPPR Native Primary Place of Residence N Prs National Preserve National Resource Lands NRL NW. Northwest **NWR** National Wildlife Refuge 0 Order O&C Oregon and California (revested lands) OE Open to Entry OG Oil and Gas 0per Operation OS Oil Shale

Par Parcel Pat Patent ' PD Public Domain Per Permit Pet Res Petroleum reserve Pho Phosphate PLPublic Law PLC Private land claim PLO Public Land Order P1t Plant Pot Potassium PPB Primary Place of Business Pr Per Prospecting permit Pre Preemption Prin Mer Principal Meridian Proc Proclamation Proj Project Prop Propose, Proposed Prot Wdl Protective Withdrawal PS Public Sale Pt Point PU Public Use Pur Purchase Purs Pursuant PW Res Public Water Reserve Power Project Pwr Proj Pwr S Power site PX Private Exchange QCD Quitclaim deed Qs Quicksilver R Range Recreation and Public Purposes R&PP Register and Receiver R&R River Basin RB Recreation Conservation Area **RCA** Rcp1 Reciprocal Rd Road RDS Reservoir declaratory statement Reference re Re-c1 Reclassified Rec Lse Recreation lease Recl Wd1 Reclamation withdrawal

Recon Reconveyed Regional Reg Reinstated Rein Rejected and rejection Rej Relinquished or Relinquishment Re1 Res Reservation or Reserve Rescind, Rescinded Resc Resource(s) Reso Restoration or Restored Rest Resvr Reservoir Rev Revocation or Revoked Rfg Refuge Rgr Sta Ranger Station RHE Reclamation homestead entry RI Range Improvement Rmks Remarks RR Railroad RRG Railroad Grant RRIS Railroad Indemnity selection **RRLS** Railroad lieu selection RS Revised Statutes River sub-basin RSB Restricted Rstd Rvst Revested R/W Right-of-way Ry Railway S South Soldier's additional homestead SAH S&M Soil and moisture Swamp and Overflow S&0 San Bernardino Meridian SB Mer Sch School Scn Scenic SCS Subsistence Camp Side SD State Director State Director's Order SDO SDS Soldier's Declaratory statement SDW Stock driveway SDW Wda Stock driveway withdrawal SE Southeast Sec Section Sec of Agri Secretary of Agriculture Sec of the Int Secretary of the Interior Segr Segregate or segregated

Se1	Selection or Selected
Sew Mer	Seward Meridian
SG	State Grant
SHC	Small holding claim
Si	Silver
Sim	Simultaneous
SL Mer	Salt Lake Meridian
SLS	Swamp Land Selection
SLUP	Special Land Use Permit
SO	Secretary's Order
Sod	Sodium
Spec Per	Special permit
SR	Serial Register
SRHE	Stockraising homestead entry
SS	State selection
SSE	Subsurface Estate
ST	Small tract
ST C1	Small tract classification
ST Hel Mer	St. Helena Meridian
St Lse	Small tract lease
Sta	Station
Sto	Storage
STS	Small tract sale
St Step Mer	St. Stephens Meridian
Subdiv Und	Subdivisions undefined
Subj	Subject
Subm	Submerged
Sul	Sulphur
Suppl	Supplemental
Sur	Survey or Surveyed
Surf	Surface
Sus	Suspended
SV	Scenic Value
SW	Southwest
SX	State exchange
T or Tp	Township
TA	Tentative Approval
Tall Mer	Tallahassee Meridian
T&M	Trade and Manufacturing
TC	Timber culture
TCP	Timber Cutting permit
Tel	<b>Telephone</b>
Teleg	Telegraph

Temp Term Tmb

Tns Tr

Trans Trf Trf Juris

Trfd Tri Sta

Trsp T/S TUP

UA

Uintah Mer Uintah Spec Mer

Umb Unapprop Undet UNDGD Unsur Ur

USAF USC USGS USS

Ute Mer

V

Var

W

Wa WAA War Dept Wash Mer W/Chg WD Wd1 Wdn

Wdns

Temporary

Terminate, Termination

Timber Townsite Tract

Transmission Transfer

Transfer of Jurisdiction

Transferred

Triangulation Station

Trespass

Timber and Stone Temporary Use Permit

Unit Agreement Uintah Meridian

Uintah Special Meridian (Obsolete, see

Uintah Meridian)

Umbrella

Unappropriated Undetermined Underground Unsurveyed Uranium

United States Air Force United States Code

United States Geological Survey

United States Survey

Ute Meridian

Village |

Variable Interest

West Water

War Assets Administration

War Department Washington Meridian With Change(s) Warranty deed Withdrawa1

Withdrawn Wilderness

W/I
Will Mer
W/O
WP
WP Des
WR
WR Mer
WS
W/S

X

Within
Willamette Meridian
Without
Water Power
Water Power Designation
Water rights
Wind River Meridian
Watershed
Wild and Scenic
Warrant

Exchange(d)

Rel. 1-1380 4/13/84