

6310-CONDUCTING WILDERNESS CHARACTERISTICS INVENTORY ON BLM LANDS

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6310-CONDUCTING WILDERNESS CHARACTERISTICS INVENTORY ON BLM LANDS

.01 Purpose. This policy contains the Bureau of Land Management's (BLM) guidance and general procedures for conducting wilderness characteristics inventories under Section 201 of the Federal Land Policy and Management Act of 1976 (FLPMA) and supersedes all previous guidance on this topic. Managing the wilderness resource is part of the BLM's multiple use mission. Lands with wilderness characteristics provide a range of uses and benefits in addition to their value as settings for solitude or primitive and unconfined recreation. This policy does not address Wilderness areas designated by Congress or Wilderness Study Areas (WSAs) pending before Congress.

.02 Objective. This Manual establishes BLM policy for identifying lands with wilderness characteristics.

.03 Authority. Principal authorities affecting the inventory of public lands for wilderness characteristics are:

- A. FLPMA, 43 U.S.C. 1701, *et seq.*
- B. Wilderness Act of 1964, 16 U.S.C. 1131, *et seq.*

.04 Responsibilities.

A. The Director shall:

- 1. Coordinate with State Directors in conducting wilderness characteristics inventories.

B. State Directors shall:

- 1. Implement policy and provide statewide program coordination and guidance for conducting wilderness characteristics inventories.
- 2. Provide program development, technical management assistance, and support to District and Field Offices as required for conducting lands with wilderness characteristics inventory.

C. District Managers and Field Managers shall:

- 1. Review and document relevant data, including citizen-submitted information, for conducting and maintaining the wilderness characteristics inventory on a continuing basis.
- 2. Determine and document which inventory areas or portions of inventory areas possess or lack wilderness characteristics.
- 3. Maintain a permanent documentation file for inventoried areas.
- 4. Coordinate with other Federal agencies in conducting wilderness characteristics inventories.

.05 References. Principal references for this Manual are:

- A. FLPMA, 43 U.S.C. 1701, *et seq.*
- B. Wilderness Act, 16 U.S.C. 1131 *et seq.*
- C. BLM Regulations, 43 CFR Part 1600.

.06 Policy.

A. **Maintaining the Inventory.** Section 201 of FLPMA requires the BLM to maintain on a continuing basis an inventory of all public lands and their resources and other values, which includes wilderness characteristics. It also provides that the preparation and maintenance of the inventory shall not, of itself, change or prevent change of the management or use of public lands. Regardless of past inventory, the BLM must maintain and update as necessary, its inventory of wilderness resources on public lands. In some circumstances conditions relating to wilderness characteristics may have changed over time, and an area that was once determined to lack wilderness characteristics may now possess them. The BLM will determine when it is necessary to update its wilderness characteristics inventory. Under the following circumstances, the BLM will consider whether to update a wilderness characteristics inventory or conduct a wilderness characteristics inventory for the first time:

1. The public or the BLM identifies wilderness characteristics as an issue during the National Environmental Policy Act (NEPA) process.
2. The BLM is undertaking a land use planning process.
3. The BLM has new information concerning resource conditions, including wilderness characteristics information submitted by the public that meets the BLM's minimum standard described in the Wilderness Characteristics Inventory Process section of this policy.
4. A project that may impact wilderness characteristics is undergoing NEPA analysis.
5. The BLM acquires additional lands.

There also may be other circumstances in which BLM will find it appropriate to update its wilderness characteristics inventory.

The primary function of an inventory is to determine the presence or absence of wilderness characteristics. Keeping an inventory current requires gathering information and ensuring that all inventories have permanent files. It is essential that an adequate record of the inventory and subsequent updates be maintained to ensure proper documentation of inventory findings, including relevant narratives, maps, photographs, new information, and any other relevant information.

B. **Wilderness Characteristics Inventory Process.** A wilderness characteristics inventory is the process of determining the presence or absence of wilderness characteristics. The BLM must document existing conditions as opposed to potential future conditions. The BLM may conduct the inventory using available information (e.g., existing maps, photos, records related to range projects, monitoring data) and will field check the information as necessary.

This wilderness characteristics inventory process directive does not mean that the BLM must conduct a completely new inventory and disregard the inventory information that it already has for a particular area. Rather, the BLM must ensure that its inventory is maintained.

1. Documentation and Minimum Standards for Review of New Information.

- a. When new information regarding wilderness characteristics is received, the BLM will document the submitted materials including:
 - i. date of submission;
 - ii. name of proponent;
 - iii. name of proposal and/or area identified by the proponent;
 - iv. BLM District(s) and Field Office(s) affected;
 - v. type of material submitted (e.g., narrative, map, photo); and
 - vi. whether or not the public information meets the minimum standard for further review by the BLM.
- b. The minimum standard that new information must meet in order for the BLM to consider the information during a wilderness characteristics inventory process requires a submission of the following information to the BLM:
 - i. a map of sufficient detail to determine specific boundaries of the area in question;
 - ii. a detailed narrative that describes the wilderness characteristics of the area and documents how that information substantially differs from the information in the BLM inventory of the area's wilderness characteristics; and
 - iii. photographic documentation.

2. Evaluation of New Information.

When new information regarding wilderness characteristics meets the minimum standard for further review, as soon as practicable, the BLM shall evaluate the information regarding the validity of proposed boundaries of the area(s), the existence of wilderness inventory roads and other boundary features, the size of the area(s), and the presence or absence of wilderness characteristics. This evaluation may be based on relevant information available in the office (prior BLM inventories, interdisciplinary team knowledge, aerial photographs, field observations, maps, etc.). Field checking may also be needed. The BLM will compare existing data with the submitted information, determine if the conclusion reached in previous BLM inventories remains valid, determine whether the area qualifies as lands with wilderness characteristics, and document its findings. The BLM will document the rationale for the findings, make the findings available to the public, and retain a record of the evaluation and the findings as evidence of the BLM's consideration.

3. Identification of Lands Requiring Inventory.

- a. Identification of a specific area where inventory is needed requires a combined review of existing land status and available route inventory data. Where acquired lands are inventoried, the area inventoried may be larger than the acquired lands because of the need to look at contiguous roadless Federal lands.
 - b. Each area will be assigned a unique identifier using a two-letter state code, office code, and an inventory area number, e.g. NV-030-051. Where possible, numbers assigned should build on the original inventory.
 - c. The Permanent Documentation File for each area will be updated or developed as appropriate (Appendix A).
4. Completing the Inventory.
- a. Necessary forms for each area will be completed (see Appendix B: Inventory Area Evaluation, Appendix C: Route Analysis, and Appendix D: Photo Log). The forms in Appendices B, C, and D should be adequate for most wilderness characteristics inventories, but minor modifications may be made to meet Field Office needs as long as primary criteria and definitions remain unchanged. In order to complete the inventory, District or Field Managers must document wilderness characteristics inventories according to attached Appendices A-D as applicable.

C. **Wilderness Characteristics.**

1. Wilderness Characteristics Inventory Unit Boundary Delineation. The boundary of the wilderness characteristics inventory unit must be established. Where possible, BLM offices should use existing wilderness characteristics inventory units for maintaining the inventory. The boundary is generally based on the presence of wilderness inventory roads (see Appendix C to determine if a route meets the wilderness inventory road definition), and can also be based on property lines between lands in Federal ownership and other ownerships or developed rights of way. Other inventory unit boundaries may occasionally be identified.
2. Analysis of Wilderness Characteristics. The inventory will evaluate wilderness characteristics as defined in Section 2(c) of the Wilderness Act and incorporated in FLPMA. In order for an area to qualify as lands with wilderness characteristics, it must possess sufficient size, naturalness, and outstanding opportunities for either solitude or primitive and unconfined recreation. In addition, it may also possess supplemental values. There may be some circumstances under which an inventory of the entire area is not required. For example, if a proposed project would only cross a small corner of an inventory unit and would be confined to previously disturbed land that is an unnatural condition, a full inventory may not be necessary.
 - a. Size.
 - i. Determine if the size criteria will be satisfied for areas by meeting one of the following situations and circumstances:
 - 1) Roadless areas with over 5,000 acres of contiguous BLM lands. State or private lands are not included in making this acreage determination.

2) Roadless areas of less than 5,000 acres of contiguous BLM lands where any one of the following apply:

a) They are contiguous with lands which have been formally determined to have wilderness or potential wilderness values, or any Federal lands managed for the protection of wilderness characteristics. Such lands include:

(1) designated Wilderness,

(2) BLM Wilderness Study Areas,

(3) U.S. Fish and Wildlife Service areas Proposed for Wilderness Designation,

(4) U.S. Forest Service (FS) Wilderness Study Areas or areas of Recommended Wilderness, and

(5) National Park Service (NPS) areas Recommended or Proposed for Designation.

They do not include NPS areas merely considered “Eligible for Wilderness Study,” nor do they include FS Roadless Areas unless they are also designated as “Recommended Wilderness” through a Forest Plan Revision.

b) It is demonstrated that the area is of sufficient size as to make practicable its preservation and use in an unimpaired condition.

c) Any roadless island of the public lands.

ii. Determine whether or not at least one of the size criteria are met by lands within the inventory unit and document in writing the rationale for arriving at this determination.

Note: If an inventory area does not meet at least one of the size criteria, it does not contain wilderness characteristics. Further inventory activity to document naturalness, outstanding opportunities for solitude or a primitive and unconfined type of recreation, and supplemental values is unnecessary. The findings must be documented.

b. Naturalness.

i. Affected Primarily by the Forces of Nature. Determine if the area appears to be in a natural condition.

1) The area must appear to have been affected primarily by the forces of nature, and any work of human beings must be substantially unnoticeable. Examples of human-made features that may be considered substantially unnoticeable in certain cases are: trails, trail signs, bridges, fire breaks, pit toilets, fisheries enhancement facilities, fire rings, historic properties, archaeological resources, hitching posts, snow gauges, water quantity and quality measuring

devices, research monitoring markers and devices, minor radio repeater sites, air quality monitoring devices, fencing, spring developments, barely visible linear disturbances, and stock ponds.

- ii. Describing Human Impacts. Document noticeable human impacts within the area. If several minor impacts exist, summarize their cumulative effect on the area's degree of apparent naturalness.
 - 1) The review of human impacts will assess the presence or absence of apparent naturalness (i.e., do the works of humans appear to be substantially unnoticeable to the average visitor?). There is an important difference between an area's natural integrity and its apparent naturalness as explained below.
 - a) Natural integrity refers to the presence or absence of ecosystems that are relatively unaffected by modern human activities.
 - b) Apparent naturalness refers to whether or not an area looks natural to the average visitor who is not familiar with the biological composition of natural ecosystems versus human-affected ecosystems.
 - 2) Caution should be used in assessing the effect of relatively minor human impacts on naturalness. Some human works are acceptable so long as they are substantially unnoticeable. Avoid an overly strict approach to assessing naturalness. For example, the presence of a water trough is a relatively minor human impact on naturalness, and may be considered substantially unnoticeable.
- iii. Outside Human Impacts. Human impacts outside the area will not normally be considered in assessing naturalness of an area. If, however, a major outside impact exists, it should be noted in the overall inventory area description and evaluated for its direct effects on the area.
- iv. Determination and Documentation. Determine whether or not the naturalness criterion is met and document in writing the rationale for arriving at the determination.

Note: If an inventory area does not meet the naturalness criterion, it does not contain wilderness characteristics. Further inventory activity to document outstanding opportunities for solitude or a primitive and unconfined type of recreation or supplemental values is unnecessary. Document the findings.

- c. Outstanding Opportunities for Solitude or a Primitive and Unconfined Type of Recreation. Determine if the area has outstanding opportunities for solitude or a primitive and unconfined type of recreation. The word "or" in this sentence means that an area only has to possess one or the other. The area does not have to possess outstanding opportunities for both elements, nor does it need to have outstanding opportunities on every acre, even when an area is contiguous to lands with identified wilderness characteristics. In most cases, the two opportunities can be expected to go hand-in-hand. An outstanding opportunity for solitude, however, may be present in an area offering only limited primitive recreation potential. Also, an area may be so

attractive for primitive recreation that it would be difficult to maintain an opportunity for solitude.

Each area must be assessed on its own merits or in combination with any contiguous lands described in the Analysis of Wilderness Characteristics section of this policy as to whether an outstanding opportunity exists. Do not disqualify an area based on a finding that outstanding opportunities exist in only a portion of the area. Do not compare the lands in question with other parcels. Do not use any type of rating system or scale—whether numerical, alphabetical, or qualitative—in making the assessment. Use professional judgment in determining whether outstanding opportunities exist in each area and document in writing the rationale for arriving at the determination.

- i. Solitude. Determine whether or not the area has outstanding opportunities for solitude.
 - 1) In making this determination, consider factors that influence solitude only as they affect a visitor's opportunity to avoid the sights, sounds, and evidence of other people in the area. Only consider the impacts of sights and sounds from outside the inventory area on the opportunity for solitude if these impacts are pervasive and omnipresent.
 - 2) Factors or elements influencing solitude may include size, configuration, topographic and vegetative screening, and ability of the visitor to find seclusion. It is the combination of these and similar elements upon which an overall solitude determination will be made. It may be difficult, for example, to avoid the sights and sounds of people in some areas unless the area is relatively large. Outstanding opportunities for solitude can be found in areas lacking vegetation or topographic screening. A small area could also provide opportunities for solitude if, due to topography or vegetation, visitors can screen themselves from one another.
- ii. Primitive and Unconfined Recreation.
 - 1) Determine whether or not the area offers an outstanding opportunity for a primitive and unconfined type of recreation. In making this determination, consider those activities that provide dispersed, undeveloped recreation which do not require facilities, motor vehicles, motorized equipment, or mechanized transport.
 - 2) Some examples of primitive and unconfined types of recreation include hiking; backpacking; fishing; hunting; spelunking; horseback riding; climbing; river running; cross-country skiing; snowshoeing; dog sledding; photography; bird watching; canoeing; kayaking; sailing; and sightseeing for botanical, zoological, or geological features.
 - 3) An area may possess outstanding opportunities for a primitive and unconfined type of recreation through either the diversity in primitive and unconfined recreational activities possible in the area or the outstanding quality of one opportunity. Other factors to consider include:

- a) Present visitor use of an area is not necessary in evaluating this criterion. Determine whether an outstanding opportunity is present, regardless of the amount of use.
- b) A trail system or convenient access is not essential for an outstanding opportunity for primitive and unconfined recreation. The absence of these facilities may increase opportunities for primitive and unconfined recreation.
- c) The presence of water is not essential for an outstanding primitive recreation opportunity.
- d) The presence of “challenge” and “risk” are appropriate considerations, but not essential for an outstanding primitive recreation opportunity to exist in an area.

Note: If an inventory area does not meet the solitude criterion and does not meet the primitive and unconfined recreation criterion, it does not contain wilderness characteristics. Further inventory activities to document supplemental values are unnecessary. If the area meets the primitive recreation and/or solitude criteria as well as the size and naturalness criteria, it does contain wilderness characteristics. Document in writing the rationale for arriving at the determination.

- d. Supplemental Values. If size, naturalness, and outstanding opportunities criteria are met, then determine if the area contains ecological, geological, or other features of scientific, educational, scenic, or historical value. Supplemental values are not required to be present in order for an area to be identified as lands with wilderness characteristics, but their presence should be documented where they exist.
3. Boundary Delineation. Define the area with wilderness characteristics to exclude wilderness inventory roads and other substantially noticeable human-caused impacts (Appendix C provides a framework for determining whether a route is a road for the purposes of wilderness characteristics inventory). Minor impacts rarely require an adjustment. Where there are several minor impacts, they should be evaluated for their cumulative effect on an area’s apparent naturalness. The defined area of lands with wilderness characteristics must meet the previously described criteria for size, naturalness, and outstanding opportunities for solitude or primitive and unconfined recreation.
- a. Lands located between individual human impacts should not be automatically excluded from the area.
 - b. When establishing the boundary, do not create a setback or buffer from the physical edge of the imprint of man.
 - c. Developed rights-of-way (ROW) are treated like other impacts, and the boundary should be drawn to exclude those ROWs.
 - d. Undeveloped ROWs and similar undeveloped possessory interests (e.g., mineral leases) are not treated as impacts to wilderness characteristics because these rights may never be developed.

- e. An area can have wilderness characteristics even though every acre within the area may not meet all the criteria. The boundary should be determined largely on the basis of wilderness inventory roads and naturalness rather than being constricted on the basis of opportunity for solitude or primitive and unconfined recreation. The location of boundaries should primarily be set to exclude the unnatural portions of the area.

Note: Inventory areas that meet the size, naturalness, and the outstanding solitude and/or the outstanding primitive and unconfined recreation criteria are lands with wilderness characteristics.

.07 Glossary.

Following are definitions for terms used in this policy. Also see definitions for terms used in Section 103 of FLPMA, BLM planning regulations at 43 CFR 1601.0-5, the wilderness regulations at 43 CFR 6301.5, and the Wilderness Act. This glossary does not supersede those definitions or those in other laws or regulations.

Apparent Naturalness: See naturalness.

Boundaries: Inventory unit boundaries are normally formed by wilderness inventory roads, property lines, developed rights-of-way, or other substantially noticeable imprints of human activity. Dead-end roads (i.e., “cherry stem roads”) may extend into the unit and are excluded from the unit, which will modify the unit boundary.

Contiguous: Lands or legal subdivisions having a common boundary. Lands either bisected by wilderness inventory roads or having only a common corner are not contiguous. A checkerboard land pattern does not contain contiguous lands.

Island: An area of land surrounded by water.

Land Use Plan: A set of decisions that establish management direction for land within an administrative area, as prescribed under the planning provisions of the FLPMA; an assimilation of land-use-plan-level decisions developed through the planning process outlined in 43 CFR 1600, regardless of the scale at which the decisions were developed. As used in this policy, Land Use Plan also includes Integrated Activity Plans used in the National Petroleum Reserve – Alaska.

Naturalness: The degree to which an area generally appears to have been affected primarily by the forces of nature with the imprint of people’s work substantially unnoticeable. It is not synonymous with “natural integrity.”

Natural Integrity: The presence or absence of ecosystems that are relatively unaffected by modern human activities.

Opportunity: A situation or condition favorable for attainment of a goal.

Outstanding: 1. Standing out among others of its kind; conspicuous; prominent; 2. Superior to others of its kind; distinguished; excellent.

Primitive and Unconfined Recreation: Non-motorized, non-mechanized (except as provided by law), and undeveloped types of recreational activities.

Primitive Route: Any transportation linear feature located within areas that have been identified as having wilderness characteristics and not meeting the wilderness inventory road definition.

Public Lands: Any land and interest in land owned by the United States within the several States and administered by the Secretary of the Interior through the Bureau of Land Management, without regard to how the United States acquired ownership, except: lands located on the Outer Continental Shelf; lands held in trust for the benefit of Indians, Aleuts, and Eskimos; and lands where the United States retains the mineral estate but the surface is non-BLM managed lands.

Road: For the purpose of inventorying wilderness characteristics only, the BLM will continue to base the “road” definition on FLPMA’s legislative history. The language below is from the House of Representatives Committee Report 94-1163, page 17, dated May 15, 1976, on what became FLPMA.

“The word “roadless” refers to the absence of roads which have been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.”

The BLM will refer to routes that meet the above definition as wilderness inventory roads. The BLM previously adopted and will continue to use sub-definitions of certain words and phrases in the BLM wilderness inventory road definition stated above. Routes which have been improved and maintained by mechanical means to insure relatively regular and continuous use are wilderness inventory roads.

- a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.
- b. Mechanical means – Use of hand or power machinery or tools.
- c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources; access roads to maintained recreation sites or facilities; or access roads to mining claims.

A route that was established or has been maintained solely by the passage of vehicles would not be considered a road for the purposes of wilderness inventory, even if it is used on a relatively regular and continuous basis. Vehicle routes constructed by mechanical means but that are no longer being maintained by mechanical methods are not wilderness inventory roads. Sole use of hands and feet to move rocks or dirt without the use of tools or machinery does not meet the definition of “mechanical means.” Wilderness inventory roads need not be “maintained” on a regular basis but rather “maintained” when road conditions warrant actions to keep it in a usable condition. A dead-end (cherry-stem) road can form the boundary of an inventory area and does not by itself disqualify an area from being considered “roadless.”

A route, or a segment of a route, which was mechanically improved to permit the passage of vehicles, but which to date has not needed any further mechanical improvement or maintenance to facilitate the relatively regular and continuous passage of vehicles, can be a road in those circumstances where the road would be maintained if the need were to arise.

While the purpose of a route is not a deciding factor to consider in determining whether a route is a road for wilderness inventory purposes, it does provide context in which to consider the criteria for a road determination. For example, the purpose of the route provides context when the BLM considers

whether maintenance of the route insures relatively regular and continuous use and whether maintenance, that may so far have been unnecessary to insure the use, would occur when the need arises.

Route: Roads, primitive roads, and trails that are part of the transportation system.

Setback: A buffer or border, including “zone of influence.”

Solitude: The state of being alone or remote from others; isolation. A lonely or secluded place.

Supplemental Values: Ecological, geological, or other features of scientific, educational, scenic, or historical value. These values may be present in an area with wilderness characteristics, but they are not required.

Transportation System: The transportation systems represent the sum of the BLM’s recognized inventory of linear features (roads, primitive roads, and trails) formally recognized and approved as part of the BLM’s transportation network.

Untrammeled: Unhindered and free from modern human control or manipulation.

Wilderness: An area defined in Section 2(c) of the Wilderness Act, and included in the National Wilderness Preservation System.

Wilderness Characteristics: These attributes include the area’s size, its apparent naturalness, and outstanding opportunities for solitude or a primitive and unconfined type of recreation. They may also include supplemental values. Lands with wilderness characteristics are those lands that have been inventoried and determined by the BLM to contain wilderness characteristics as defined in section 2 (c) of the Wilderness Act.

Wilderness Inventory Road: See road.

Wilderness Study Area: Areas with wilderness characteristics identified and designated through the inventory and study processes authorized by Section 603 of FLPMA, and, prior to 2003, through the planning process authorized by Section 202 of FLPMA.

.08 Acronyms.

BLM – Bureau of Land Management
CFR – Code of Federal Regulations
FLPMA – Federal Land Policy and Management Act of 1976
FS – U.S. Forest Service
NEPA – National Environmental Policy Act of 1969
NPS – National Park Service
ROW – Right-of-way
U.S.C. – United States Code
WSA – Wilderness Study Area

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX A – PERMANENT DOCUMENTATION FILE

The permanent documentation file should include the following:

1. **Inventory Area Evaluation:** Appendix B.
2. **Route Analysis:** Appendix C.
3. **Inventory Maps:** Inventory maps used in conducting and documenting findings of wilderness characteristics inventories must be retained. Maps should depict the area's unique identifier, boundary, and any photo points.
4. **Photo Documentation:** Documentation could include a descriptive log and photographs (Appendix D).
5. **Supporting Documentation:** Include additional notes, forms, and documents.

WILDERNESS CHARACTERISTICS INVENTORY
APPENDIX B – INVENTORY AREA EVALUATION

Evaluation of Current Conditions:

1) Document and review any existing BLM wilderness characteristics inventory findings on file regarding the presence or absence of individual wilderness characteristics, using Form 1, below.

2) Consider relevant information regarding current conditions available in the office. Identify and describe any changes to the existing inventory information. Use interdisciplinary team knowledge, aerial photographs, field observations, maps, etc. and document the findings on Form 2, below. Document current conditions regarding wilderness characteristics, as opposed to potential future conditions.

Conduct field reviews as necessary to verify information and to ascertain current conditions. Reach conclusions on current conditions including boundaries, size of areas and presence or absence of wilderness characteristics. Fully explain the basis for each conclusion on Form 2, including any critical differences between BLM and citizen information.

Document the findings regarding current conditions for each inventoried area. Describe how the present conditions are similar to, or have changed from, the conditions documented in the original wilderness characteristics inventory. Document the findings on Form 2 for each inventory area. Cite to or attach data considered, including photographs, maps, GIS layers, field trip notes, project files, etc.

FORM 1

Documentation of BLM Wilderness Characteristics Inventory Findings from Previous Inventory on Record

1. Is there existing BLM wilderness characteristics inventory information on all or part of this area?

No _____ (Go to Form 2) Yes X (If yes, and if more than one area is within the area, list the unique identifiers for those areas.):

a) Inventory Source: Intensive Wilderness Inventory: Final Wilderness Study Areas Nov. 1980

b) Inventory Area Unique Identifier(s): Yarmony Mountain CO-010-178

c) Map Name(s)/Number(s): USGS 1:24,000 Radium, McCoy, State Bridge

d) BLM District(s)/Field Office(s): Kremmling Field Office

2. BLM Inventory Findings on Record:

Existing inventory information regarding wilderness characteristics (if more than one BLM inventory area is associated with the area, list each area and answer each question individually for each inventory area):

Inventory Source: _____

Area Unique Identifier	Sufficient Size? Yes/No (acres)	Naturalness? Yes/No	Outstanding Solitude? Yes/No	Outstanding Primitive & Unconfined Recreation? Yes/No	Supplemental Values? Yes/No
Yarmony Mountain	9590	No	No	No	No

FORM 2

Current Conditions: Presence or Absence of Wilderness Characteristics

Area Unique Identifier: **Yarmony Mountain** Acreage: **4,914**
(If the inventory area consists of subunits, list the acreage of each and evaluate each separately).

In completing steps (1)-(5), use additional space as necessary.

(1) Is the area of sufficient size? (If the area meets one of the exceptions to the size criterion, check "Yes" and describe the exception in the space provided below),

Yes _____ No **X**

Note: If "No" is checked the area does not have wilderness characteristics; check "NA" for the remaining questions below.

Description (describe the boundaries of the area--wilderness inventory roads, property lines, etc.): **The unit is located in Eagle, Grand, and Routt Counties with the Eastern boundary being comprised of BLM route 27241, Union Pacific Rail Line and Eagle County Road 11 (CR11). The Southern boundary lies between State Bridge, private land, and Colorado Highway 131. BLM roads 27221, 27222, 27225, 27231 comprise the Western boundary with state and private property boundaries meeting the unit to the North. These boundaries are set by roads that provide access to the mesa tops for hunting, for permittees to access range projects, and Rights of Way (ROWs) that have been issued for access to range improvement, utilities, and communications sites.**

(2) Does the area appear to be natural?

Yes _____ No _____ N/A **X**

Note: If "No" is checked the area does not have wilderness characteristics; check "NA" for the remaining questions below.

Description (include land ownership, location, topography, vegetation, and summary of major human uses/activities): **Land ownership of the Yarmony Mountain area is predominately BLM and contains State Land and Private boundaries/inholdings. Yarmony Mountain sits north of State Bridge, to the east of Bond, with a northwestern boundary on the Copper Spur, to the southwest of Radium, and adjacent the Colorado River. The unit is characterized as having mesa-like topography surrounded by numerous small gulches with steep and rocky terrain. The major landscape vegetation types include**

Sagebrush/Grassland and Pinyon-juniper. Recreational opportunities exist such as Off Highway Vehicle (OHV) use on the mesas, hunting, and permittee/public use on the Upper Colorado River. Impacts from roadways, recreation, railroads, communications equipment and rangeland management have interrupted the naturalness of the area.

(3) Does the area (or the remainder of the area if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for solitude?

Yes _____ No _____ N/A **X**

Description (describe the area's outstanding opportunities for solitude): **The restrictive nature of the topography, the lack of vegetation on mesa tops, and private land boundaries are factors that concentrate visitors, thus reducing the opportunities to be isolated from others. The high number of visitors for recreational opportunities on the Colorado River and CR11, where the sights and sounds of others would be difficult to avoid, makes it hard to obtain a feeling of solitude in the Yarmony Mountain area.**

(4) Does the area (or the remainder of the area if a portion has been excluded due to unnaturalness and the remainder is of sufficient size) have outstanding opportunities for primitive and unconfined recreation?

Yes _____ No _____ N/A **X**

Note: If "No" is checked for both 3 and 4 the area does not have wilderness characteristics; check "NA" for question 5.

Description (describe the area's outstanding opportunities for primitive and unconfined recreation): **Primitive and unconfined recreational opportunities are limited by steep, rocky topography and access, due to state and private land boundaries. Activities would be confined to the relatively small areas on mesa tops.**

(5) Does the area have supplemental values (ecological, geological, or other features of scientific, educational, scenic or historical value)?

Yes _____ No _____ N/A **X**

Description: **No supplemental values have been identified in the Intensive Wilderness Inventory: Final Wilderness Study Areas (November 1980) or in subsequent inventories.**

Summary of Analysis*

Area Unique Identifier: Yarmony Mountain

Summary

Results of analysis:

(Note: explain the inventory findings for the entirety of the inventory unit. When wilderness characteristics have been identified in an area that is smaller than the size of the total inventory unit, explain why certain portions of the inventory unit are not included within the lands with wilderness characteristics (e.g. the inventory found that certain parts lacked naturalness).

- 1. Does the area meet any of the size requirements? Yes No
- 2. Does the area appear to be natural? Yes No N/A
- 3. Does the area offer outstanding opportunities for solitude or a primitive and unconfined type of recreation? Yes No N/A
- 4. Does the area have supplemental values? Yes No N/A

Check one:

The area, or a portion of the area, has wilderness characteristics and is identified as lands with wilderness characteristics.

The area does not have wilderness characteristics.

Prepared by (team members):

Darren Long, Wildlife Biologist, 9/15/2015

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

(Name, Title, Date)

Reviewed by (District or Field Manager):

Name: Steph Odell

Title: Kremmling Field Manager

Date: 9/20/16

* This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

APPENDIX C – ROUTE ANALYSIS¹

(Factors to consider when determining whether a route is a road² for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**

Route or Route Segment³ Name and/or Identifier: **SE-1: Trough Road (CR 1, 11)**

(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map (**See attached map and photo log**) and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **CR 1 (Grand County), CR 11 (Eagle County) – Trough Road extends from Hwy. 9 south of Kremmling, CO to State Bridge and Hwy. 131. The road is a mechanically built road with a dirt and gravel surface and is improved and maintained containing roadside berms, ditches, and guard rails.**

II. ROUTE CONTEXT

A. Current Purpose⁴ (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine

¹ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

² Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

³ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

Describe: **Trough Road provides access to BLM facilities, private resorts (Rancho Del Rio and State Bridge), access to dispersed camp sites, State Wildlife areas, utility and railroad access, and acts as a main thoroughfare from Kremmling to Wolcott.**

B. Right-of-Way (ROW):

1. Is there a ROW associated with this route?

Yes No Unknown

2. If yes, what is the stated purpose of the ROW? **unknown**

3. Is the ROW still being used for this purpose?

Yes No Unknown or N/A

Explain: **ROW COC 043109**

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 or A.2 is checked "yes" below) No (if both A.1 and A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No

Examples: Paved Bladed Graveled Roadside Berms Cut/Fill
Other

Describe: **Paved sections of road exist at Inspiration Point, Yarmony Bridge and State Bridge. Evidence of blade and gravel improvements exist throughout.**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes No If "yes": by Hand Tools by Machine

Examples: Culverts Hardened Stream Crossings Bridges Drainage

⁴ The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Barriers Other _____

Describe: **There are culverts, drainages, safety barriers and a railroad crossing on Trough Road. Bridges exist over the Colorado River and railroad.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 or B.2 is checked "yes" below) No _____ (if both B.1 and B.2 are checked "no" below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes No _____ If "yes": by Hand Tools _____ by Machine

2. If the route or route segment is in good⁵ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable?
Yes No _____

Explain: **As part of the Right-of-Way agreement, BLM would authorize maintenance of the route to allow continued access to the communications and power lines.**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes No _____

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).⁶

The route is used by Yampa Valley Electric Company and Century Tel of Eagle to maintain and service their lines. The route is also used in the fall hunting season by big game hunters. Trough Road is used year-round for public through-traffic between Wolcott, along Interstate 70, and Kremmling, as an alternative to the interstate and Colorado Hwy. 9. It is designated as a National Scenic Byway (Colorado River Headwaters Byway) and is a visitor attraction in and of itself.

IV. CONCLUSION:

⁵ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

⁶ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

Does the route or route segment⁷ meet the definition of a wilderness inventory road (i.e., are items III.A *and* III.B *and* III.C all checked yes)?

Yes **X** = Wilderness Inventory Road No = Not a road for wilderness inventory purposes

Explanation⁸: **BLM would authorize maintenance to provide access to the communication and power lines.**

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

⁷ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

⁸ Describe and explain rationale for any discrepancies with citizen proposals.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS⁹

(Factors to consider when determining whether a route is a road¹⁰ for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**

Route or Route Segment¹¹ Name and/or Identifier: **SE-02: HWY 131**

(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **HWY connecting State Bridge to Bond, CO. Road acts as Southern boundary to Yarmony Mountain area.**

II. ROUTE CONTEXT

A. Current Purpose¹² (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine

⁹ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

¹⁰ Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

¹¹ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

¹² The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular

Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

Describe: **State highway with access to OHV, communication sites, public, private, state, and BLM lands.**

B. Right-of-Way (ROW):

4. Is there a ROW associated with this route?

Yes No Unknown

5. If yes, what is the stated purpose of the ROW? **COC0001109**

6. Is the ROW still being used for this purpose?

Yes No Unknown or N/A

Explain: **Public state road/highway**

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 or A.2 is checked "yes" below) No (if both A.1 and A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No

Examples: Paved Bladed Graveled Roadside Berms Cut/Fill Other

Describe: **Paved public Highway**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes No If "yes": by Hand Tools by Machine

Examples: Culverts Hardened Stream Crossings Bridges Drainage Barriers Other

Describe: **Maintained paved and improved road.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 or B.2 is checked "yes" below) No (if both B.1 and B.2 are checked "no" below)

and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

3. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes No If "yes": by Hand Tools by Machine

Explain: **Maintained paved and improved road.**

4. If the route or route segment is in good¹³ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable?
Yes No

Explain: **Contracts ensure maintenance of this roadway at a state level.**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes No

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).¹⁴

Public road and HWY. CDOT maintained.

IV. CONCLUSION:

Does the route or route segment¹⁵ meet the definition of a wilderness inventory road (i.e., are items III.A and III.B and III.C all checked yes)?

Yes = Wilderness Inventory Road
inventory purposes No = Not a road for wilderness

Explanation: **Good access and regular maintenance.**

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

¹³ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

¹⁴ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

¹⁵ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS¹⁶

(Factors to consider when determining whether a route is a road¹⁷ for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**

Route or Route Segment¹⁸ Name and/or Identifier: **SE-3 BLM Route 2722** (Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **See attached map and photo log.**

II. ROUTE CONTEXT

A. Current Purpose¹⁹ (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine

¹⁶ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

¹⁷ Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

¹⁸ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

¹⁹ The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

Describe: **Access road for communication tower, hunter access, OHV use, rangeland management, and spring improvements.**

B. Right-of-Way (ROW):

1. Is there a ROW associated with this route?

Yes ___ No Unknown ___

2. If yes, what is the stated purpose of the ROW? ___

3. Is the ROW still being used for this purpose?

Yes ___ No Unknown or N/A ___

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 or A.2 is checked "yes" below) No ___ (if both A.1 and A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No ___

Examples: Paved ___ Bladed Graveled ___ Roadside Berms Cut/Fill Other ___

Describe: **The route was originally constructed using mechanical means and improved as needed for access.**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes ___ No If "yes": by Hand Tools ___ by Machine ___

Examples: Culverts ___ Hardened Stream Crossings ___ Bridges ___ Drainage ___ Barriers ___ Other ___

Describe: **Few or absent road improvement structures.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 or B.2 is checked "yes" below) No ___ (if both B.1 and B.2 are checked "no" below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?

Yes No ___ If "yes": by Hand Tools ___ by Machine

Explain: **Bladed for communications access.**

2. If the route or route segment is in good²⁰ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable?
Yes No

Explain: **Mechanical maintenance could be approved if the route became impassible for fire management, range improvements, ROWs, etc**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes No

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).²¹

ROW CO-015149 (Telephone/Telegraph line) exists on the route and will provide relatively regular maintenance of the route.

IV. CONCLUSION:

Does the route or route segment²² meet the definition of a wilderness inventory road (i.e., are items III.A and III.B and III.C all checked yes)?

Yes = Wilderness Inventory Road No = Not a road for wilderness inventory purposes

Explanation²³: **This route is only maintained for access to the Communication tower spur road and is not representative of the route in its entirety.**

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

²⁰ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

²¹ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

²² If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

²³ Describe and explain rationale for any discrepancies with citizen proposals.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS²⁴

(Factors to consider when determining whether a route is a road²⁵ for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: Yarmony Mountain

Route or Route Segment²⁶ Name and/or Identifier: **SE-04: BLM Route 27221 South**
(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **See attached map and Photo log**

II. ROUTE CONTEXT

A. Current Purpose²⁷ (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

²⁴ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

²⁵ Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

²⁶ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

²⁷ The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Describe: **Access road for communication tower, hunter access, OHV use, rangeland management, and spring improvements.**

B. Right-of-Way (ROW):

4. Is there a ROW associated with this route?

Yes ___ No Unknown ___

5. If yes, what is the stated purpose of the ROW? _____

6. Is the ROW still being used for this purpose?

Yes ___ No Unknown or N/A ___

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 *or* A.2 is checked "yes" below) No ___ (if both A.1 *and* A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No ___

Examples: Paved___ Bladed Graveled___ Roadside Berms Cut/Fill___ Other___

Describe: **The route was originally constructed using mechanical means and improved as needed for access.**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes ___ No If "yes": by Hand Tools ___ by Machine ___

Examples: Culverts___ Hardened Stream Crossings___ Bridges___ Drainage___ Barriers___ Other___

Describe: **Few or absent road improvement structures.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 *or* B.2 is checked "yes" below) No ___ (if both B.1 *and* B.2 are checked "no" below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?

Yes No ___ If "yes": by Hand Tools ___ by Machine

Explain: **Mechanical maintenance has been used for relatively regular and continuous use.**

2. If the route or route segment is in good²⁸ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable?
Yes No

Explain: **Mechanical maintenance could be approved if the route became impassible for fire management, range management, ROWs, etc.**

²⁸ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes No

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).²⁹

Observed grading and work trucks, graded and double track road, navigable route to the communications tower.

IV. CONCLUSION:

Does the route or route segment³⁰ meet the definition of a wilderness inventory road (i.e., are items III.A and III.B and III.C all checked yes)?

Yes = Wilderness Inventory Road inventory purposes No = Not a road for wilderness

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

²⁹ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

³⁰ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS³¹

(Factors to consider when determining whether a route is a road³² for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**

Route or Route Segment³³ Name and/or Identifier: **SE-05: BLM Route - 27222**

(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **See attached**

II. ROUTE CONTEXT

A. Current Purpose³⁴ (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

³¹ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

³² Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

³³ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

³⁴ The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Describe: **Access road for communication tower, hunter access, OHV use, rangeland management, and spring improvements.**

B. Right-of-Way (ROW):

7. Is there a ROW associated with this route?

Yes ___ No Unknown ___

8. If yes, what is the stated purpose of the ROW? _____

9. Is the ROW still being used for this purpose?

Yes ___ No Unknown or N/A ___

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 *or* A.2 is checked “yes” below) No ___ (if both A.1 *and* A.2 are checked “no” below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No ___

Examples: Paved ___ Bladed Graveled ___ Roadside Berms ___ Cut/Fill ___ Other ___

Describe: **The route was originally constructed using mechanical means and improved as needed for access.**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes ___ No If “yes”: by Hand Tools ___ by Machine ___

Examples: Culverts ___ Hardened Stream Crossings ___ Bridges ___ Drainage ___ Barriers ___ Other ___

Describe: **Few or absent road structures.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 *or* B.2 is checked “yes” below) No ___ (if both B.1 *and* B.2 are checked “no” below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?

Yes No ___ If “yes”: by Hand Tools ___ by Machine ___

Explain: **The route was originally constructed using mechanical means and improved as needed for access.**

If the route or route segment is in good³⁵ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable?

Yes No

Explain: **Mechanical maintenance could be approved if the route became impassible for fire management, range management, ROWs, etc.**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes No

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).³⁶

Observed grading and work trucks, graded and double track road, navigable route to the communications tower.

IV. CONCLUSION:

Does the route or route segment³⁷ meet the definition of a wilderness inventory road (i.e., are items III.A and III.B and III.C all checked yes)?

Yes = Wilderness Inventory Road No = Not a road for wilderness inventory purposes

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

³⁵ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

³⁶ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

³⁷ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS³⁸

(Factors to consider when determining whether a route is a road³⁹ for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**

Route or Route Segment⁴⁰ Name and/or Identifier: **SE-06: BLM 27225**

(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **See Attached Map and Photo Log**

II. ROUTE CONTEXT

A. Current Purpose⁴¹ (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

³⁸ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

³⁹ Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

⁴⁰ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

⁴¹ The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Describe: **Road is maintained to provide access to communications tower, rangeland improvements, hunting, OHV use, etc.**

B. Right-of-Way (ROW):

10. Is there a ROW associated with this route?
Yes ___ No Unknown ___

11. If yes, what is the stated purpose of the ROW?

12. Is the ROW still being used for this purpose?
Yes ___ No Unknown or N/A ___

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 or A.2 is checked "yes" below) No ___ (if both A.1 and A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No ___

Examples: Paved ___ Bladed Graveled ___ Roadside Berms ___ Cut/Fill ___ Other ___

Describe: **BLM Route 27225 is improved and originally constructed using mechanical means.**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes ___ No If "yes": by Hand Tools ___ by Machine ___

Examples: Culverts ___ Hardened Stream Crossings ___ Bridges ___ Drainage ___ Barriers ___ Other ___

Describe: **Few or absent road improvements.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 or B.2 is checked "yes" below) No ___ (if both B.1 and B.2 are checked "no" below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes No If "yes": by Hand Tools by Machine

Explain: **BLM Route 27225 can be regularly used due to maintenance provided for the communications tower.**

2. If the route or route segment is in good⁴² condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable?
Yes No

Explain: **Mechanical maintenance could be approved if the route became impassible for fire management, range management, ROWs, etc.**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes No

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).⁴³

Observed work trucks and recent blade work. See description in #8 above.

IV. CONCLUSION:

Does the route or route segment⁴⁴ meet the definition of a wilderness inventory road (i.e., are items III.A and III.B and III.C all checked yes)?

Yes = Wilderness Inventory Road No = Not a road for wilderness inventory purposes

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

⁴² Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

⁴³ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

⁴⁴ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS⁴⁵

(Factors to consider when determining whether a route is a road⁴⁶ for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**

Route or Route Segment⁴⁷ Name and/or Identifier: **SE-07: BLM Route 27221 North**
(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **See attached map and Photo Log**

II. ROUTE CONTEXT

A. Current Purpose⁴⁸ (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

⁴⁵ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

⁴⁶ Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

⁴⁷ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

⁴⁸ The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Describe: **Allows access to mesa top and private property. Inholdings include hunting cabin and private property access and holding ponds for livestock. The mesa top of Yarmony Mountain contains open areas for recreation and camping/hunting.**

B. Right-of-Way (ROW):

13. Is there a ROW associated with this route?

Yes ___ No Unknown ___

14. If yes, what is the stated purpose of the ROW?

15. Is the ROW still being used for this purpose?

Yes ___ No Unknown or N/A ___

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 or A.2 is checked "yes" below) No ___ (if both A.1 and A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No ___

Examples: Paved___ Bladed Graveled___ Roadside Berms___ Cut/Fill___ Other___

Describe: **This route was likely created and maintained solely by vehicle traffic.**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes No ___ If "yes": by Hand Tools by Machine ___

Examples: Culverts___ Hardened Stream Crossings___ Bridges___ Drainage___ Barriers___ Other

Describe: **There is evidence of some corridor clearing via chainsaw.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 or B.2 is checked "yes" below) No ___ (if both B.1 and B.2 are checked "no" below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes ____ No X If “yes”: by Hand Tools ____ by Machine ____

2. If the route or route segment is in good⁴⁹ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable?
Yes X No ____

Explain: **Access and maintenance could be approved by the BLM to meet the purposes of this route.**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes X No ____

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).⁵⁰

Vehicle tracks observed on this road points to relatively regular use.

IV. CONCLUSION:

Does the route or route segment⁵¹ meet the definition of a wilderness inventory road (i.e., are items III.A and III.B and III.C all checked yes)?

Yes X = Wilderness Inventory Road No ____ = Not a road for wilderness inventory purposes

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

⁴⁹ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

⁵⁰ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

⁵¹ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS⁵²

(Factors to consider when determining whether a route is a road⁵³ for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**
Route or Route Segment⁵⁴ Name and/or Identifier: **SE 08: BLM Route 27231**
(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **Please see attached map and Photo Log**

II. ROUTE CONTEXT

A. Current Purpose⁵⁵ (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

⁵² This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

⁵³ Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

⁵⁴ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

⁵⁵ The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Describe: **BLM Route 27231 provides access to the top of Yarmony Mountain mesa top with adjacent private land boundary. The purpose of this route is for rangeland management and hunting/recreational opportunities.**

B. Right-of-Way (ROW):

16. Is there a ROW associated with this route?

Yes ___ No Unknown ___

17. If yes, what is the stated purpose of the ROW?

18. Is the ROW still being used for this purpose?

Yes ___ No Unknown or N/A ___

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes ___ (if either A.1 *or* A.2 is checked "yes" below) No (if both A.1 *and* A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No ___

Examples: Paved ___ Bladed Graveled ___ Roadside Berms ___ Cut/Fill ___ Other ___

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes No ___ If "yes": by Hand Tools ___ by Machine ___

Examples: Culverts ___ Hardened Stream Crossings ___ Bridges ___ Drainage ___ Barriers ___ Other ___

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 *or* B.2 is checked "yes" below) No ___ (if both B.1 *and* B.2 are checked "no" below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?

Yes ___ No If "yes": by Hand Tools ___ by Machine ___

2. If the route or route segment is in good⁵⁶ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable? Yes **X** No _____

Explain: **Access and maintenance could be approved by the BLM to meet the purposes of this route.**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes **X** No _____

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).⁵⁷

Vehicle tracks and fire rings on the mesa top of Yarmony Mountain indicate a regularly used route by 4x4 vehicles, hikers, hunters, and equestrian user groups.

IV. CONCLUSION:

Does the route or route segment⁵⁸ meet the definition of a wilderness inventory road (i.e., are items III.A *and* III.B *and* III.C all checked yes)?

Yes **X** = Wilderness Inventory Road
inventory purposes

No _____ = Not a road for wilderness

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

⁵⁶ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

⁵⁷ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

⁵⁸ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX C – ROUTE ANALYSIS⁵⁹

(Factors to consider when determining whether a route is a road⁶⁰ for wilderness characteristics inventory purposes.)

Wilderness Characteristics Inventory Area Unique Identifier: **Yarmony Mountain**

Route or Route Segment⁶¹ Name and/or Identifier: **SE-09: BLM Route 27241**

(Include Transportation Plan Identifier, if known, and include route number supplied by citizen information, when available.)

I. LOCATION: Refer to attached map _____ and BLM corporate data (GIS). List photo point references (where applicable) or reference attached photo log:

Describe: **See attached map and photo log**

II. ROUTE CONTEXT

A. Current Purpose⁶² (if any) of Route: (Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farmhouse), Mine Site, Concentrated Use Site (camp site), Recreation, Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment)).

⁵⁹ This form documents information that constitutes an inventory finding on wilderness characteristics. It does not represent a formal land use allocation or a final agency decision subject to administrative remedies under either 43 CFR parts 4 or 1610.5-3.

⁶⁰ Road: An access route which has been improved and maintained by mechanical means to insure relatively regular and continuous use. A way maintained solely by the passage of vehicles does not constitute a road.

a. Improved and maintained – Actions taken physically by people to keep the road open to vehicle traffic. “Improved” does not necessarily mean formal construction. “Maintained” does not necessarily mean annual maintenance.

b. Mechanical means – Use of hand or power machinery or tools.

c. Relatively regular and continuous use – Vehicular use that has occurred and will continue to occur on a relatively regular basis. Examples are: access roads for equipment to maintain a stock water tank or other established water sources, access roads to maintained recreation sites or facilities, or access roads to mining claims.

⁶¹ If a portion of a route is found to meet the wilderness inventory road criteria (see Part III) and the remainder does not meet these criteria (e.g., a cherrystem road with a primitive route continuing beyond a certain point), identify each segment and explain the rationale for the separate findings under pertinent criteria.

⁶² The purpose of a route is not a deciding factor in determining whether a route is a road for wilderness characteristics inventory purposes. The purpose of a route does provide context for factors on which such a determination may be based, particularly the question of whether maintenance of the route ensures relatively regular and continuous use. The purpose also helps to determine whether maintenance that may so far have been unnecessary to ensure such use would be approved by BLM when the need arises.

Describe: **Public and private land access, and state leased property exist on this route.**

B. Right-of-Way (ROW):

1. Is there a ROW associated with this route?

Yes ___ No Unknown ___

2. If yes, what is the stated purpose of the ROW? _____

3. Is the ROW still being used for this purpose?

Yes ___ No Unknown or N/A ___

III. WILDERNESS INVENTORY ROAD CRITERIA

A. Evidence of construction or improvement using mechanical means:

Yes (if either A.1 *or* A.2 is checked "yes" below) No ___ (if both A.1 *and* A.2 are checked "no" below)

1. Construction: (Is there evidence that the route or route segment was originally constructed using mechanical means?) Yes No ___

Examples: Paved___ Bladed___ Graveled___ Roadside Berms Cut/Fill___ Other

Describe: **Roads intersect fence lines with gated access and signage which indicated that they were originally constructed using machinery.**

2. Improvements: (Is there evidence of improvements using mechanical means to facilitate access?) Yes No ___ If "yes": by Hand Tools by Machine

Examples: Culverts___ Hardened Stream Crossings___ Bridges___ Drainage Barriers___ Other___

Describe: **Drainages and out-sloping of this route exist throughout.**

B. Maintenance: (Is there evidence of maintenance that would ensure *relatively* regular and continuous use?): Yes (if either B.1 *or* B.2 is checked "yes" below) No ___ (if both B.1 *and* B.2 are checked "no" below)

1. Is there Evidence or Documentation of Maintenance using hand tools or machinery?

Yes ___ No If "yes": by Hand Tools ___ by Machine ___

2. If the route or route segment is in good⁶³ condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM to meet the purpose(s) of the route in the event this route became impassable? Yes No

Explain: **The BLM could approve the use of mechanized maintenance for the purposes of this route.**

C. Relatively regular and continuous use: (Does the route or route segment ensure relatively regular and continuous use?) Yes No

Describe evidence (e.g., direct, vehicles or vehicle tracks observed, or indirect, evidence of use associated with purpose of the route such as maintenance of facility that route accesses) and other rationale for whether use has occurred and will continue to occur on a *relatively* regular basis (i.e., regular and continuous use relative to the purpose(s) of the route).⁶⁴

Explain: **Evidence suggests a relatively regular and continuous use of this route.**

IV. CONCLUSION:

Does the route or route segment⁶⁵ meet the definition of a wilderness inventory road (i.e., are items III.A and III.B and III.C all checked yes)?

Yes = Wilderness Inventory Road No = Not a road for wilderness inventory purposes

Evaluator(s):

Cory Koehn, Biological Science Technician (Wildlife), 9/15/2016

Mark Gapinski, GIS /IT Specialist, 9/15/2016

⁶³ Good condition would be a condition that ensures regular and continuous use relative to the purposes of the route. Consider whether the route can be clearly followed in the field over its entire course and whether all or any portion of the route contains any impediments to travel.

⁶⁴ Include estimate of travel rates for the stated purposes, e.g., trips/day or week or month or season or year or even multiple years in some facility maintenance cases.

⁶⁵ If part of the route meets the wilderness inventory road definition and the remainder does not, describe the segment meeting the definition and any remaining portion not meeting the definition and why.

Route Identifier	Photo Point(s)	Current Purpose	Evidence of Construction and/or Improvement Using Mechanical Means	ROW	Maintenance	Use	Conclusion
SE-1 (CR 11) Trough Road	(029, 031, 032, 034, 035, 037)	County Road, Recreation, access to powerlines and railroad tracks	Graded and maintained road	Unknown	Maintained for vehicle travel	Regular and continuous use	Is a road for wilderness character inventory purposes
SE-2 (HWY 131)	(038, 039)	State Bridge to Bond, access to spur roads within Yarmony Area	Paved and maintained road	Unknown	Maintained for vehicle travel	Regular and continuous use, access to BLM land	Is a road for wilderness character inventory purposes
SE-3 (BLM 2722)	(041,042)	Access to communication s tower off HWY 131 and access to Yarmony Mountain	Road is maintained for access to communication tower and OHV use.	Unknown	Graded	Regular use	Is a road for wilderness character inventory purposes
SE-4 (BLM 27221)South	(043, 044, 046, 047, 048)	Access to rangeland improvement, communication tower	Road graded and maintained	Unknown	Graded for work vehicles	Regular and continuous	Is a road for wilderness character inventory purposes
SE-5 (BLM 27222)	(049, 050, 052, 053, 055, 056, 058, 0135)	Access to communication tower	Road graded and maintained	Unknown	Graded for work vehicles	Regular and continuous	Is a road for wilderness character inventory purposes

SE-6 (BLM 27225)	(064, 065, 068, 074, 076, 078, 079, 083, 085, 088)	Access to rangeland, spring improvements, etc.	Some evidence of construction or mechanical means of improvement	Unknown	Graded for work vehicles	Rangeland spring improvement and water holding tank	Is a road for wilderness character inventory purposes
SE-7 (27221)North	(092, 094, 096,)	Access to rangeland, spring improvements, etc.	Evidence exists of mechanical construction, needs improvement or high clearance 4x4 for access	Unknown	Light maintenance, contains double track and unimproved rocky sections	Access to rangeland, mesa top, hunting grounds, private property	Is a road for wilderness inventory purposes
SE-8 (27231)	(098, 0101, 0107, 0109, 0113, 0117, 0122)	Access to mesa top, private land, hunting grounds, a primitive hunting cabin.	No evidence of mechanical construction	Unknown	No maintenance	Access to rangeland mesa top, hunting, private property	Is a road for wilderness inventory purposes
SE-9 (27241)	(0136, 0143, 0144, 0150, 0153, 0160, 0161, 0162)	Access to BLM, private ranch, state land, private leased land, and railroad.	Evidence of construction including gated entries and fences.	Unknown	No maintenance	Public and private access for continuous regular use	Is a road for wilderness inventory purposes

WILDERNESS CHARACTERISTICS INVENTORY

APPENDIX D – PHOTO LOG

Photographer(s): **Mark Gapinski and Cory Koehn**

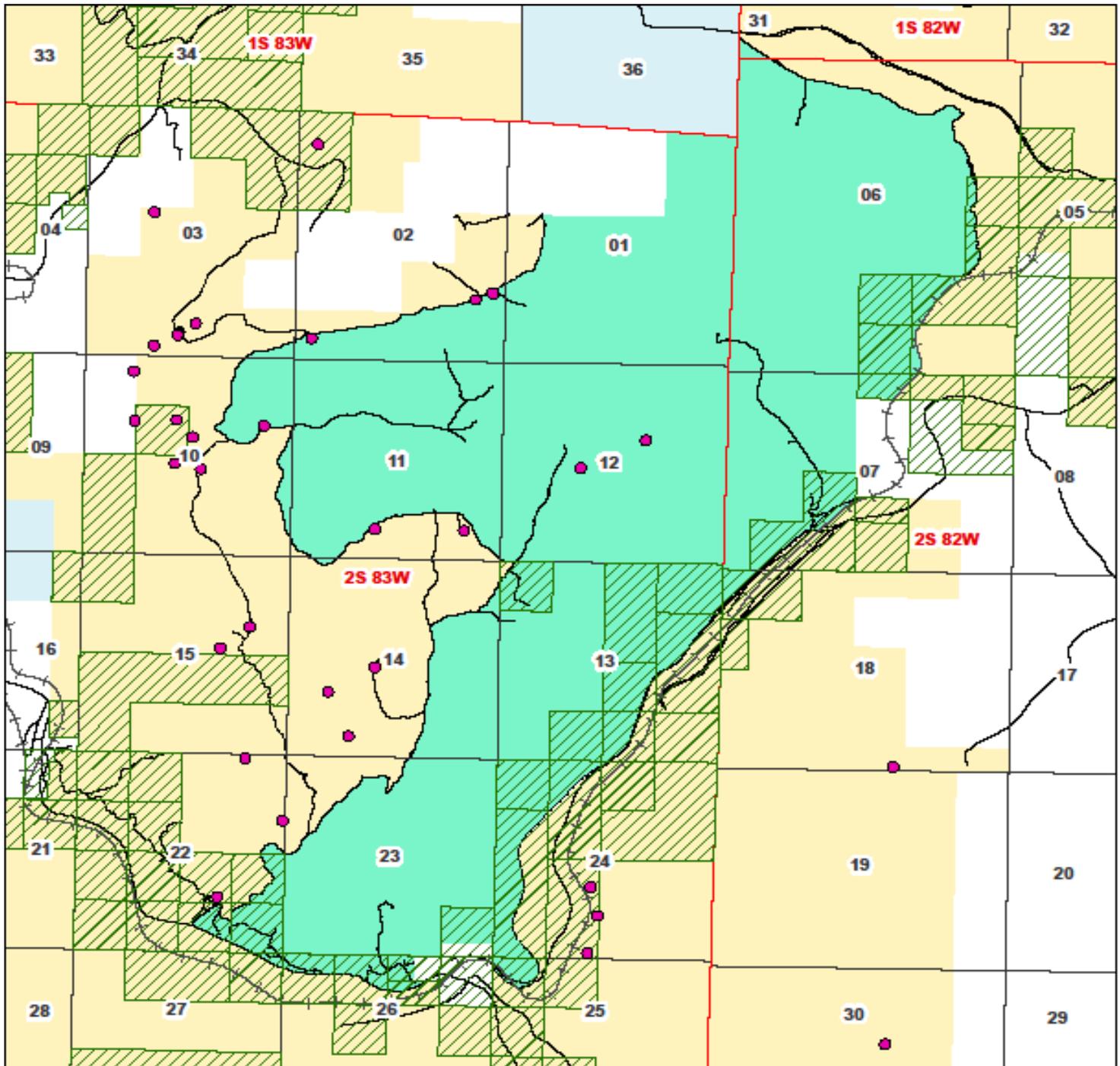
Inventory Area Unique Identifier **Yarmony Mountain**

Date	Camera Direction	GPS/UTM Zone 13N	Township	Range	Section	Photo #
9/7/16	West	N39°53.4658' W106°36.9237'	2S	82W	07	029
9/7/16	South West	N39°53.2558' W106°37.3782'	2S	82W	07	031
9/7/16	South West	N39°52.7538' W106°37.9432'	2S	83W	13	032
9/7/16	North East	N39°52.0412' W106°38.6307'	2S	83W	24	034
9/7/16	South East	N39°51.6543' W106°38.6747'	2S	83W	24	035
9/7/16	South East	N39°51.4100' W106°38.6623'	2S	83W	25	037
9/7/16	North East	N39°51.4180' W106°39.4505'	2S	83W	26	038
9/7/16	South East	N39°51.4142' W106°39.4518'	2S	83W	26	039
9/7/16	East	N39°51.7113' W106°40.3088'	2S	83W	22	041
9/7/16	South West	N39°51.7033' W106°40.3240'	2S	83W	22	042
9/7/16	South	N39°51.7003' W106°40.2483'	2S	83W	22	043
9/7/16	South	N39°51.6705' W106°40.1888'	2S	83W	22	044
9/7/16	North East	N39°51.7083' W106°40.1807'	2S	83W	22	046

9/7/16	West	N39°51.8813' W106°39.9778'	2S	83W	22	047
9/7/16	South	N39°51.9960' W106°40.0100'	2S	83W	22	048
9/7/16	South East	N39°52.0620' W106°39.7637'	2S	83W	23	049
9/7/16	South East	N39°52.0615' W106°39.7650'	2S	83W	23	050
9/7/16	South West	N39°52.3142' W106°39.4048'	2S	83W	23	052
9/7/16	South East	N39°52.2552' W106°39.3430'	2S	83W	23	053
9/7/16	South West	N39°52.4688' W106°39.2075'	2S	83W	14	055
9/7/16	South East	N39°52.5723' W106°39.1658'	2S	83W	14	056
9/7/16	South	N39°52.9618' W106°39.1480'	2S	83W	14	058
9/7/16	East	N39°53.0440' W106°38.9438'	2S	83W	14	0135
9/7/16	North	N39°53.3933' W106°38.9237'	2S	83W	11	064
9/7/16	North West	N39°53.4190' W106°38.9352'	2S	83W	11	065
9/7/16	South East	N39°53.2640' W106°38.7442'	2S	83W	12	068
9/7/16	North West	N39°53.4835' W106°39.1397'	2S	83W	11	074
9/7/16	South West	N39°53.4710' W106°39.1750'	2S	83W	11	076
9/7/16	South West	N39°53.4183' W106°39.4460'	2S	83W	11	078
9/7/16	West	N39°53.3407' W106°39.5275'	2S	83W	11	079
9/7/16	North West	N39°53.4435'	2S	83W	10	083

		W106°39.9467'				
9/7/16	South East	N39°53.7785' W106°39.9303'	2S	83W	10	085
9/7/16	North West	N39°53.8410' W106°39.9212'	2S	83W	10	088
9/7/16	West	N39°53.7962' W106°40.2795'	2S	83W	10	092
9/7/16	North	N39°53.9428' W106°40.2365'	2S	83W	10	094
9/7/16	South	N39°54.1727' W106°40.0297'	2S	83W	03	096
9/7/16	East	N39°54.2452' W106°39.8130'	2S	83W	02	098
9/7/16	East	N39°54.2567' W106°39.6950'	2S	83W	02	0101
9/7/16	East	N39°54.3757' W106°39.0875'	2S	83W	02	0107
9/7/16	East	N39°54.3773' W106°39.0408'	2S	83W	02	0109
9/7/16	East	N39°54.4913' W106°38.7488'	2S	83W	02	0113
9/7/16	North West	N39°54.6827' W106°38.5793'	2S	83W	02	0117
9/7/16	South West	N39°54.3580' W106°39.0435'	2S	83W	02	0122
9/7/16	South East	N39°55.5497' W106°37.4940'	1S	82W	31	0136
9/7/16	South West	N39°55.3095' W106°36.7205'	2S	82W	06	0143
9/7/16	South East	N39°55.3008' W106°36.7072'	2S	82W	06	0144
9/7/16	South	N39°55.0848' W106°36.3043'	2S	82W	06	0150
9/7/16	South	N39°54.9623' W106°36.2613'	2S	82W	06	0153

9/7/16	South West	N39°54.6508' W106°36.2257'	2S	82W	06	0160
9/7/16	South West	N39°54.5652' W106°36.2797'	2S	82W	06	0161
9/7/16	North West	N39°54.5563' W106°36.2878'	2S	82W	06	0162



—+— Railroads

— Roads

Yarmony Mountain Inventory Area

Colorado Rights of Ways

Range Water Sources

Bureau of Land Management

Private

State

State, County, City, Areas

1:40,000 When page is printed at 8.5" x 11"

0 0.5 1 2 Miles



Yarmony Mountain Lands with Wilderness Characteristics Analysis



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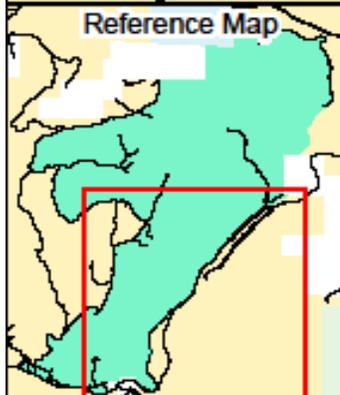
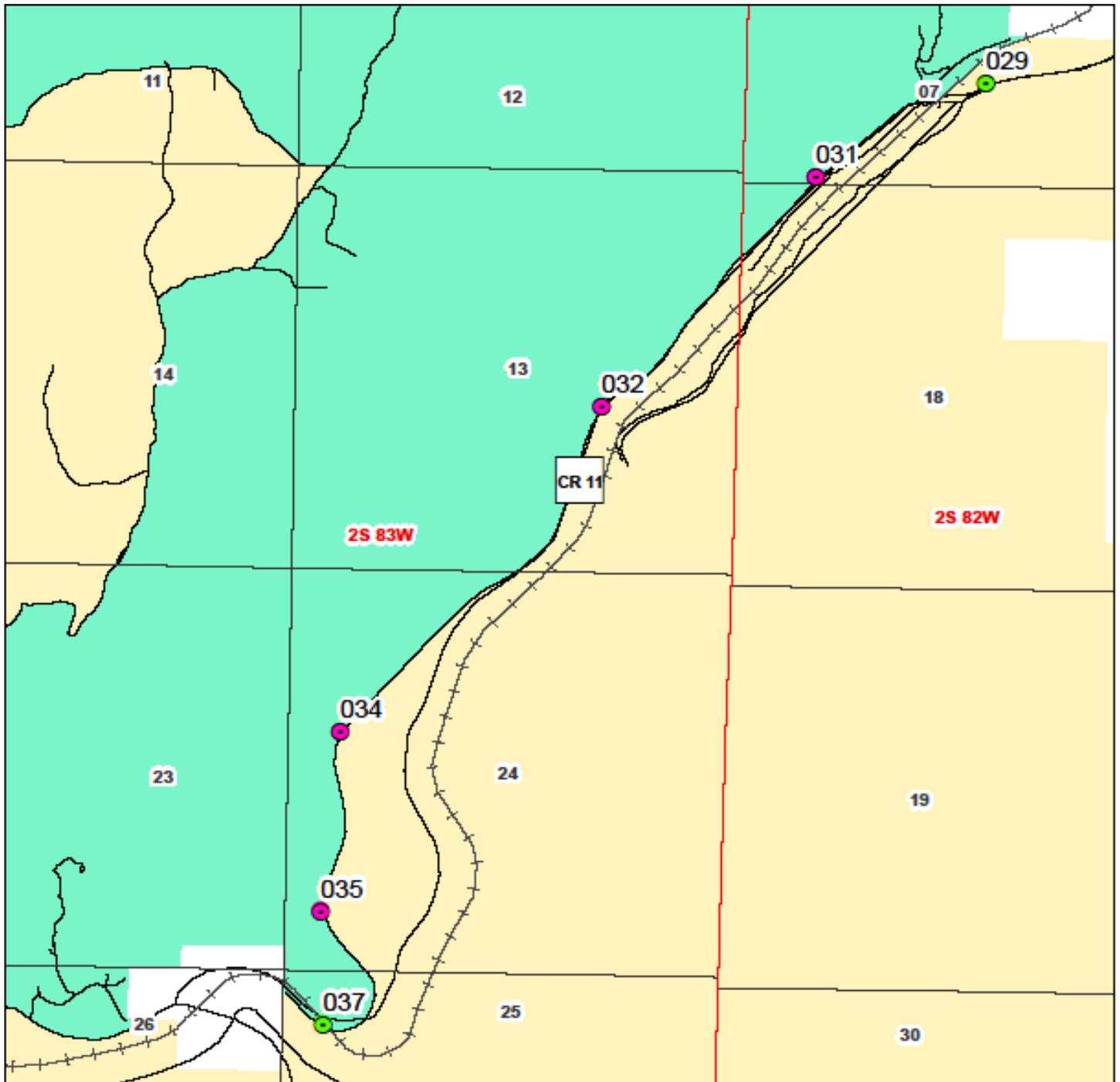


Photo Points 9/7/16

PhotoType

- Landscape
- Road
- +— Railroads
- Roads
- Yarmony Mountain Inventory Area

Bureau of Land Management
 Private
 State
 State, County, City; Areas

1:20,000 When page is printed at 8.5" x 11"

0 0.25 0.5 1 Miles

**Yarmony Mountain
Lands with Wilderness Characteristics Analysis**

Map 1 of 9

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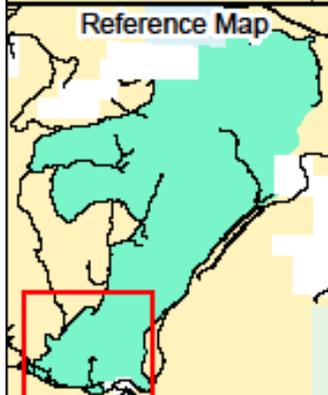
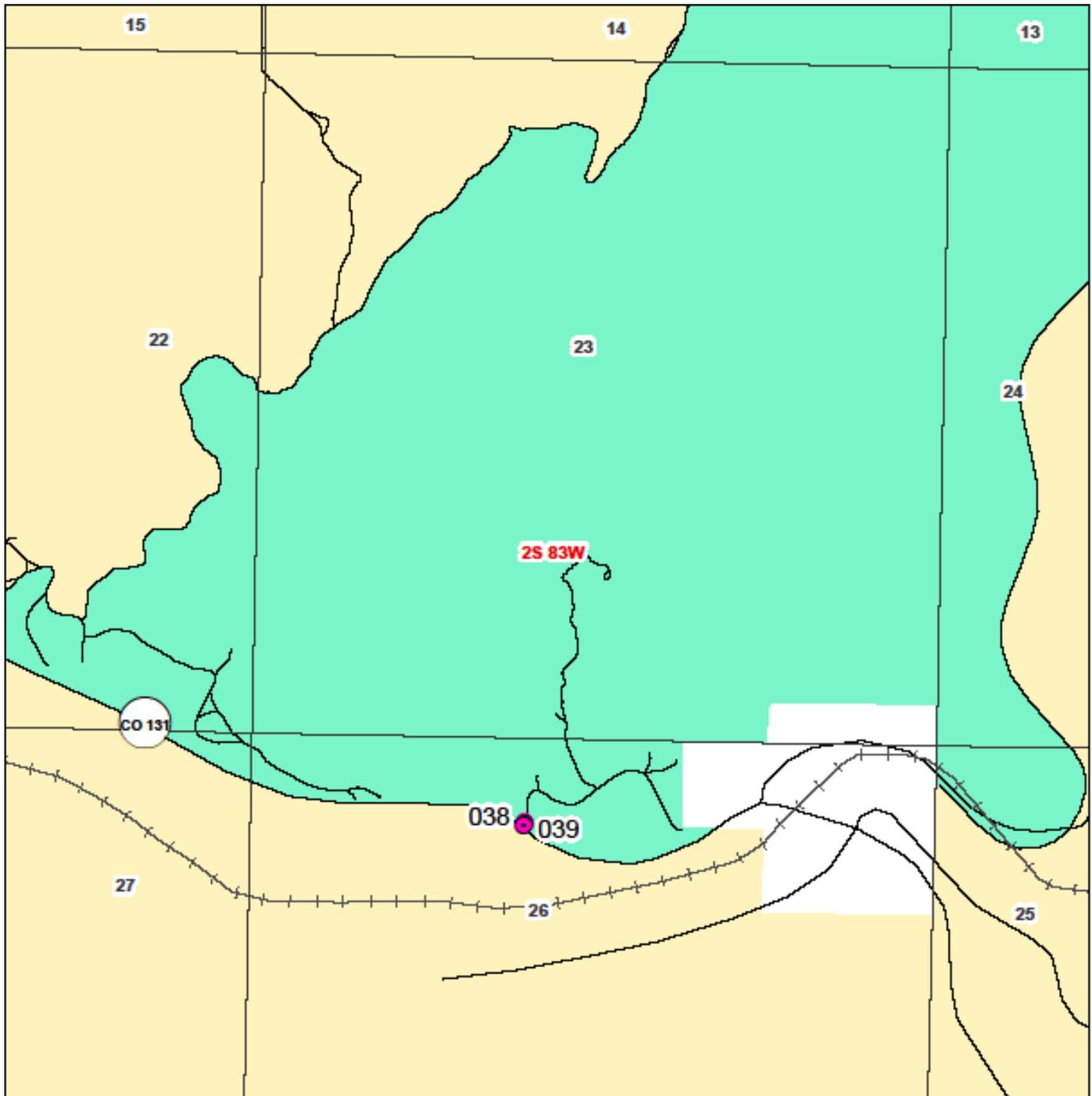


Photo Points 9/7/16

PhotoType

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- Road
- +— Railroads
- Roads
- Yarmony Mountain Inventory Area

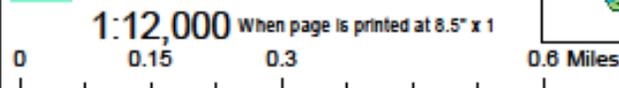
- Bureau of Land Management
- Private
- State
- State, County, City, Areas



**Yarmony Moutain
Lands with Wilderness Characteristics Analysis**



Map 2 of 9



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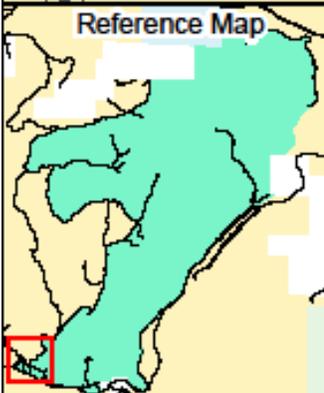
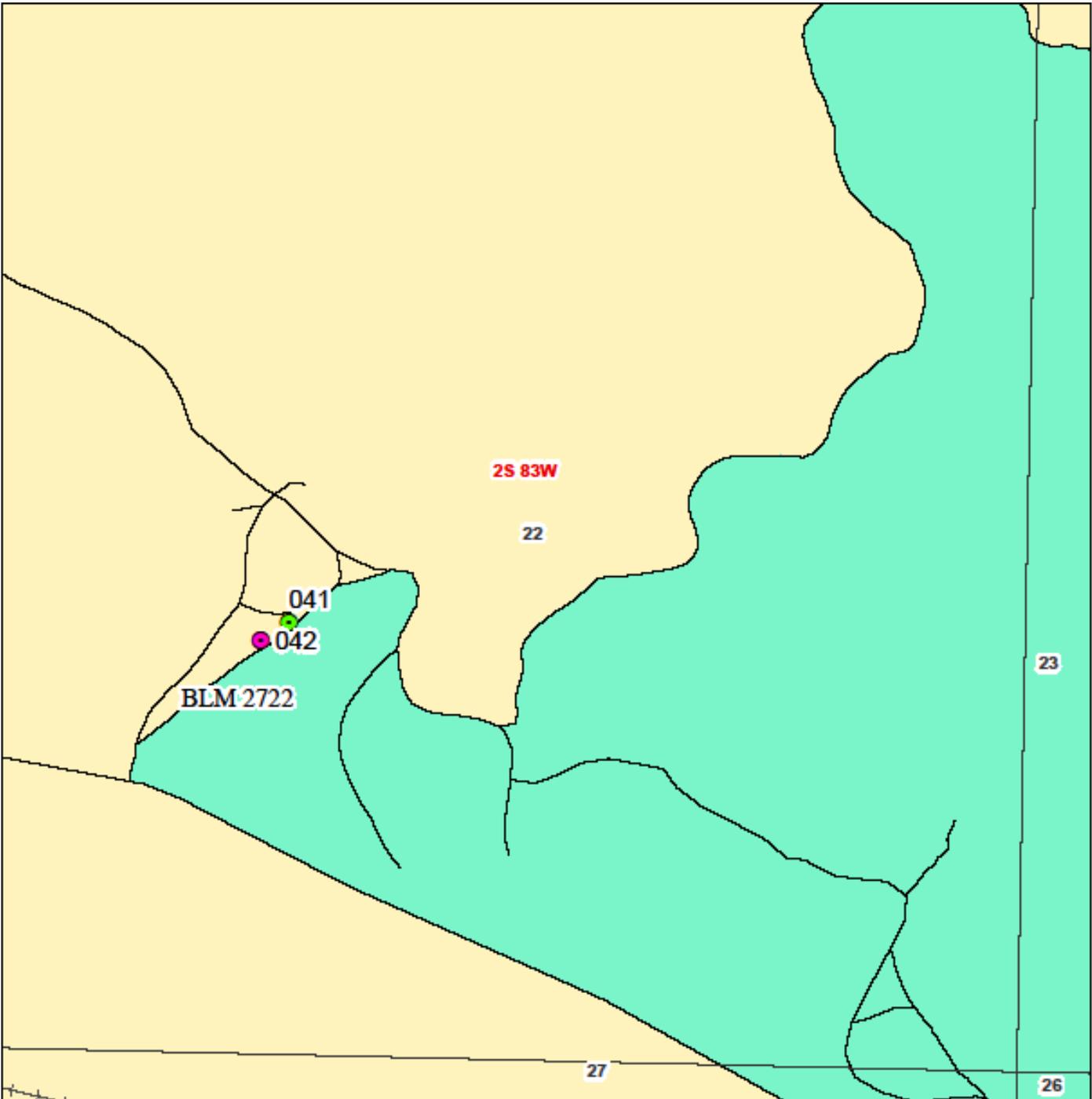


Photo Points 9/7/16

PhotoType

- Landscape
- Road
- +— Railroads
- Roads
- Yarmony Mountain Inventory Area

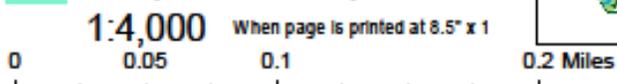
- Bureau of Land Management
- Private
- State
- State, County, City, Areas



**Yarmony Moutain
Lands with Wilderness Characteristics Analysis**



Map 3 of 9



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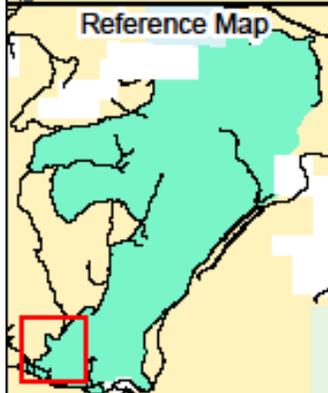
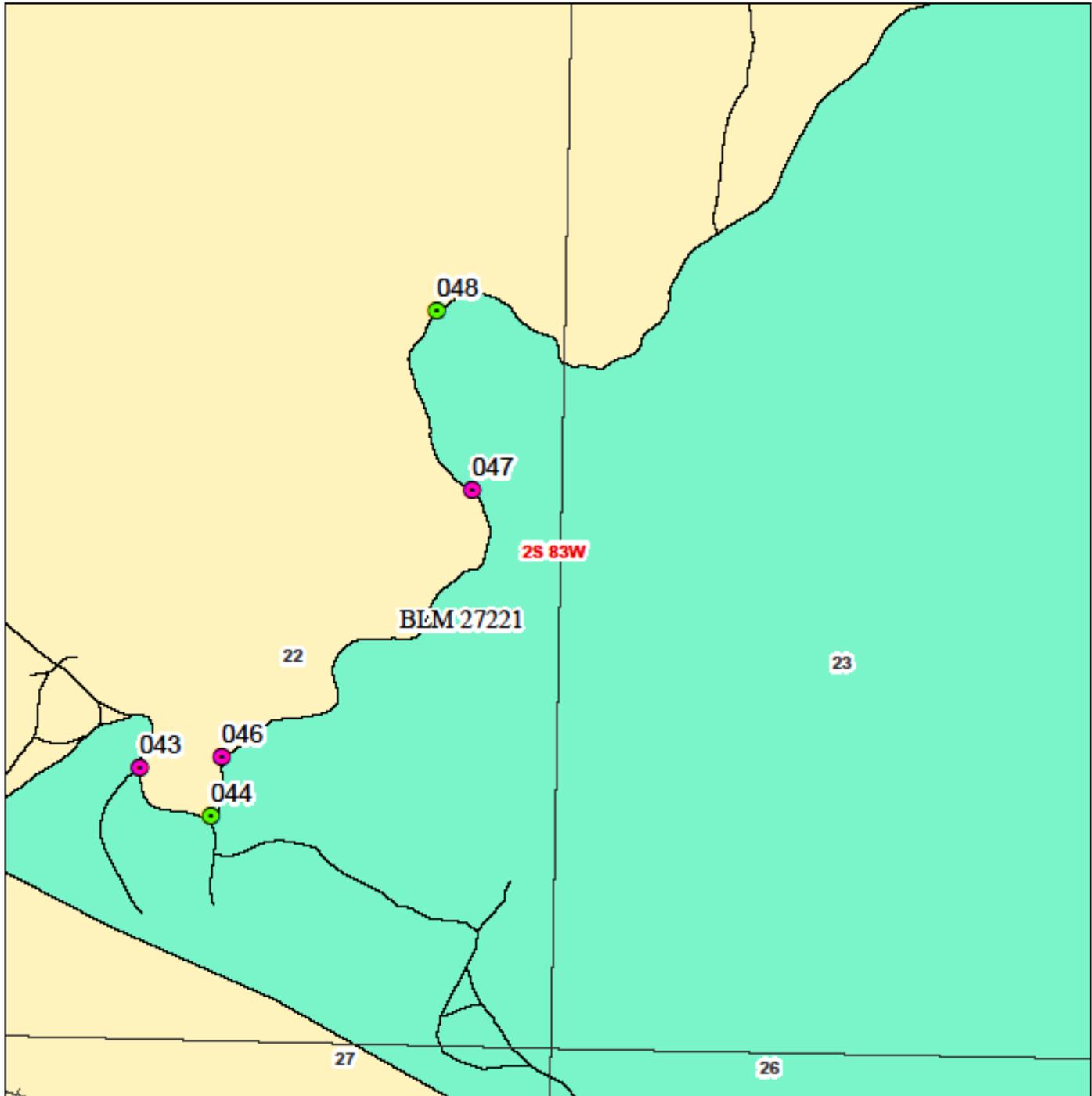


Photo Points 9/7/16

PhotoType

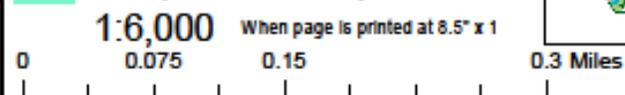
- Landscape
- Road
- +— Railroads
- Roads
- Yarmony Mountain Inventory Area

- Bureau of Land Management
- Private
- State
- State, County, City, Areas



Yarmony Mountain
Lands with Wilderness Characteristics Analysis

Map 4 of 9



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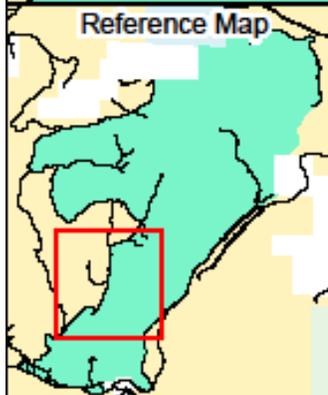
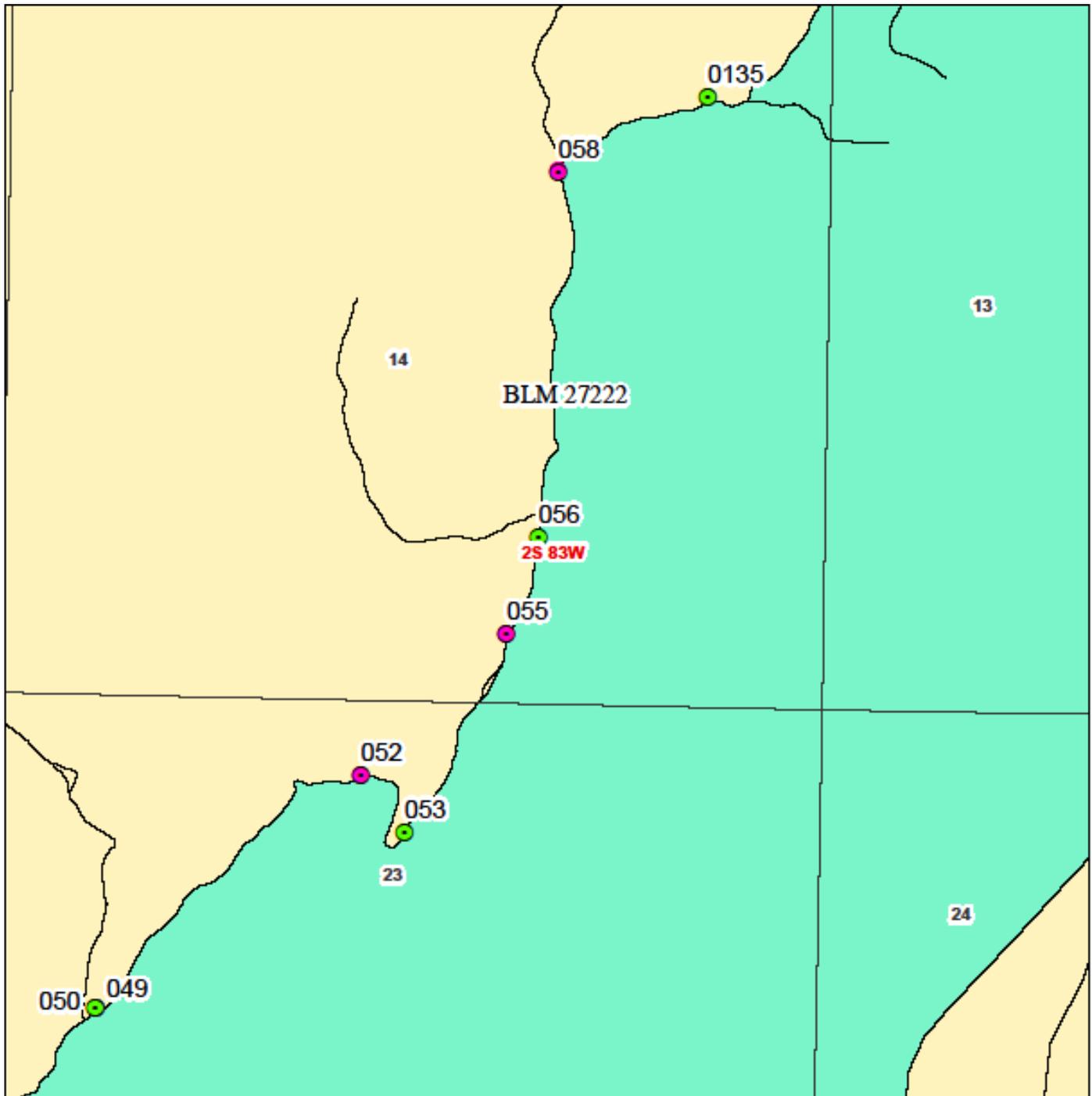


Photo Points 9/7/16

PhotoType

- Landscape
- Road
- +— Railroads
- Roads
- Yarmony Mountain Inventory Area

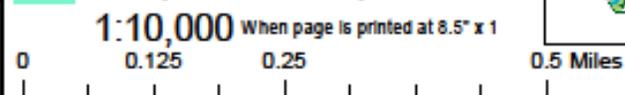
- Bureau of Land Management
- Private
- State
- State, County, City, Areas



**Yarmony Mountain
Lands with Wilderness Characteristics Analysis**



Map 5 of 9



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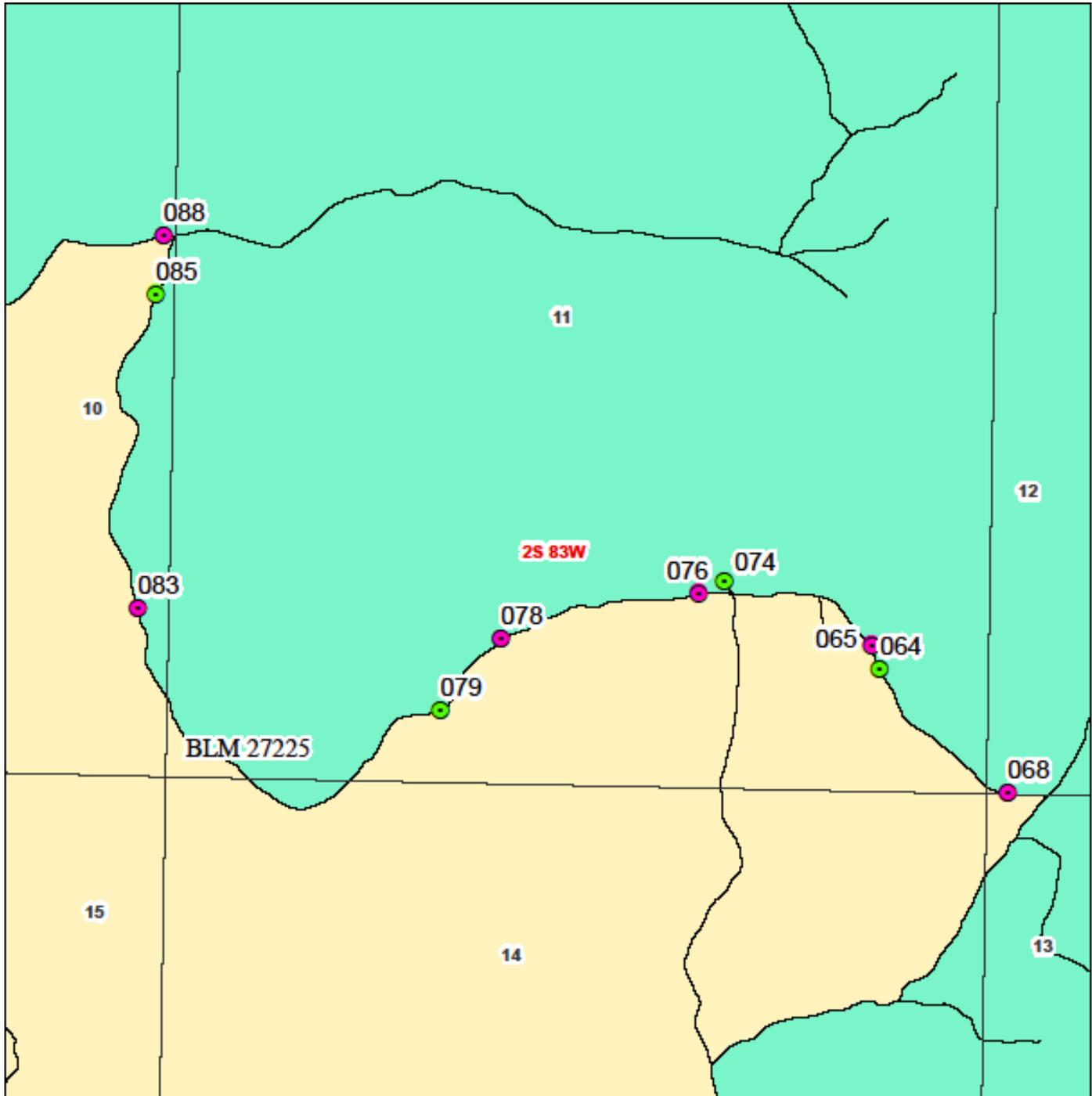


Photo Points 9/7/16

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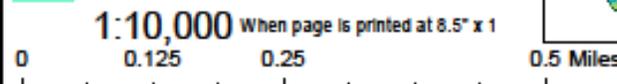
- Landscape
- Road
- +— Railroads
- Roads
- Yarmony Mountain Inventory Area

- Bureau of Land Management
- Private
- State
- State, County, City, Areas



Yarmony Moutain
Lands with Wilderness Characteristics Analysis

Map 6 of 9



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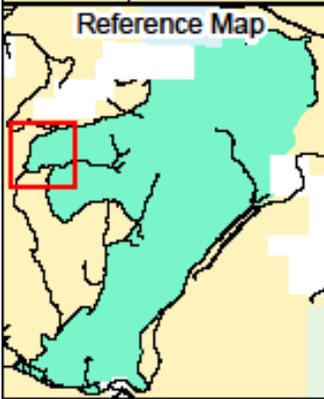
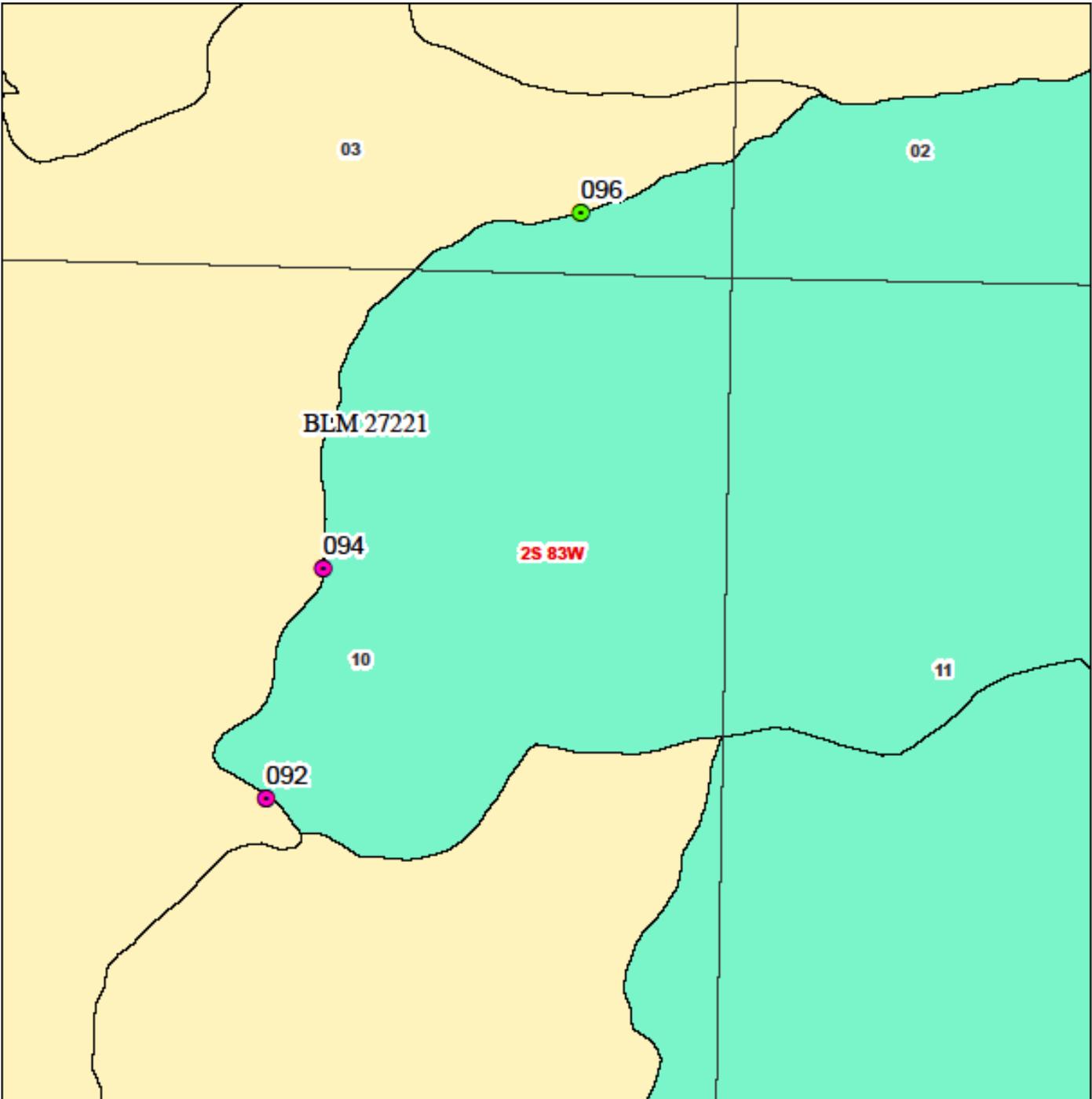


Photo Points 9/7/16

PhotoType

- Landscape
- Road
- +— Railroads
- Roads
- Yarmony Mountain Inventory Area

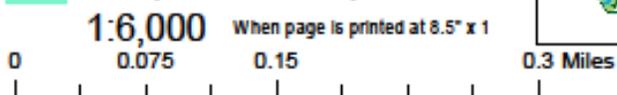
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- State
- State, County, City, Areas



**Yarmony Mountain
Lands with Wilderness Characteristics Analysis**



Map 7 of 9



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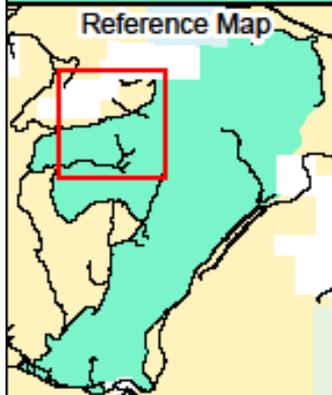
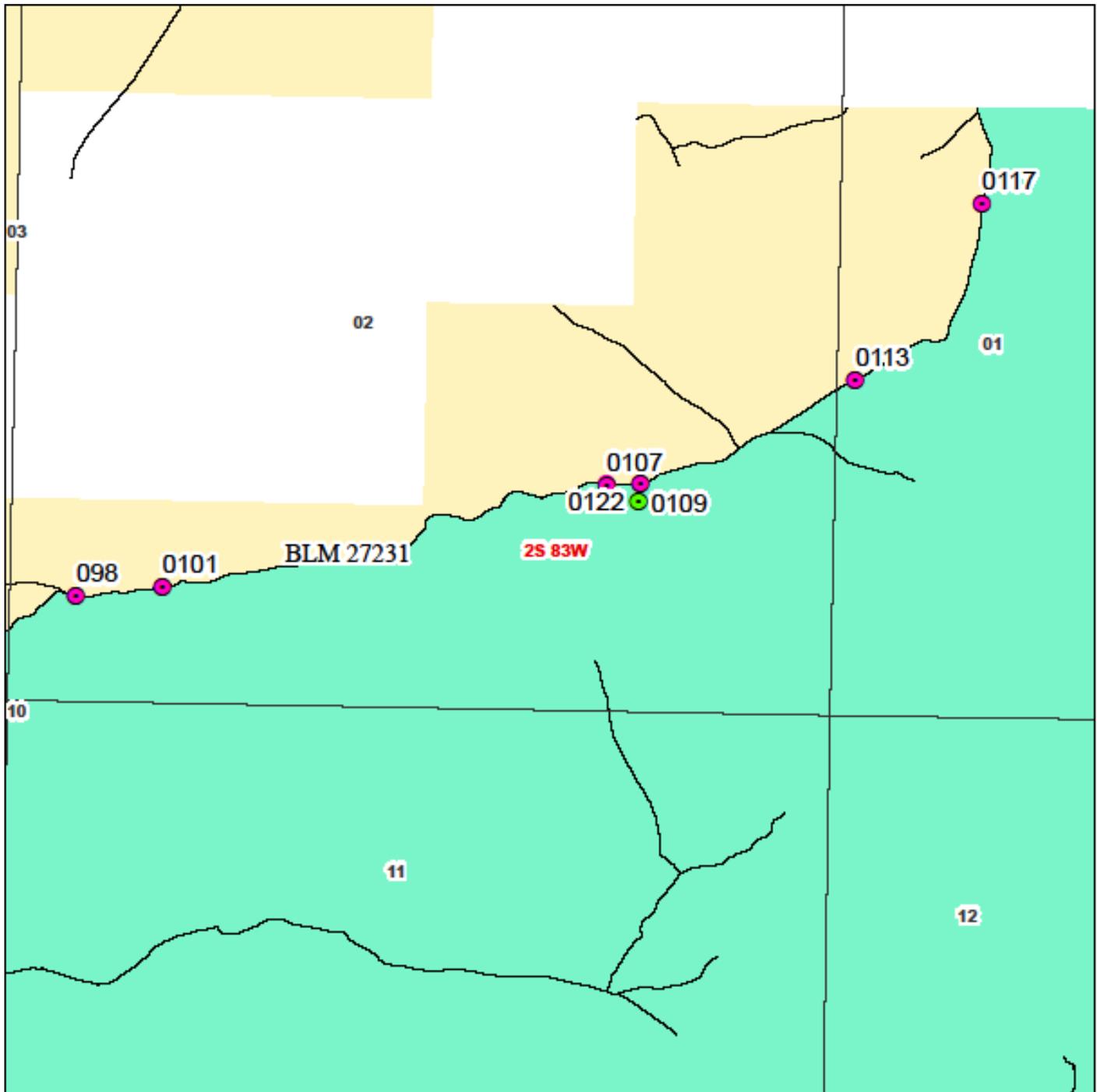


Photo Points 9/7/16

PhotoType

- Landscape
- Road
- +— Railroads
- Roads

Yarmony Mountain Inventory Area

- Bureau of Land Management
- Private
- State
- State, County, City; Areas



**Yarmony Mountain
Lands with Wilderness Characteristics Analysis**



Map 8 of 9

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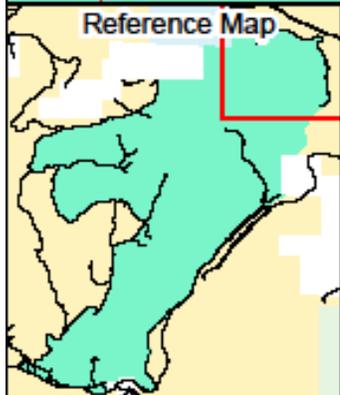
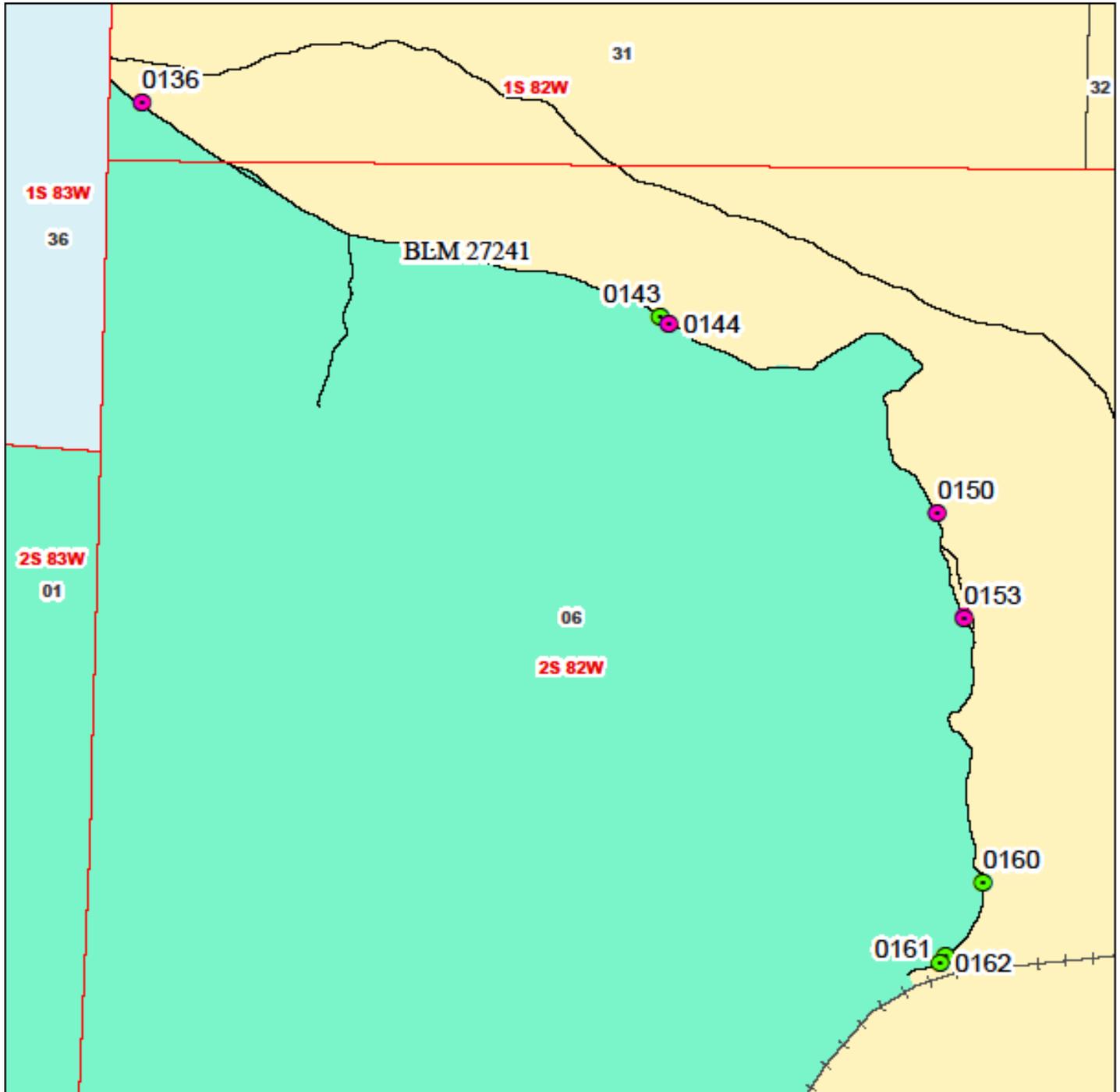


Photo Points 9/7/16

PhotoType

- Landscape
- Road
- +—+ Railroads
- Roads
- Yarmony Mountain Inventory Area

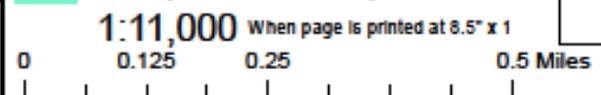
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**Yarmony Mountain
Lands with Wilderness Characteristics Analysis**



Map 9 of 9



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