Wilderness Inventory Unit Index of Documents
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Appendix C – Road* Analysis: Unnamed – Noted as Route #5

Page 36: H-6300-1-Wilderness Inventory Maintenance in BLM Oregon/Washington
Appendix C – Road* Analysis: Unnamed – off of BLM 6266-0-00

Prepared by:
U.S. Department of the Interior
Bureau of Land Management
Vale District Office
100 Oregon Street
Vale, Oregon 97918

NATIONAL SYSTEM OF PUBLIC LANDS
Evaluation of Current Conditions:

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

2) Consider relevant information regarding current conditions available in the office to identify and describe any changes to the existing information (use interdisciplinary (ID) team knowledge, aerial photographs, field observations, maps, etc.), and document your findings on Form 2, below.

When Citizen Information has been submitted regarding wilderness characteristics, document the submitted materials including: date of Submission; Name of District(s) and Field Office(s) Affected; Type of material Submitted (e.g. narrative, map, and photos). Evaluate any submitted citizen information regarding the validity of proposed boundaries of the unit(s), the existence of roads and other boundary features, the size of the unit(s), and the presence or absence of wilderness characteristics based on relevant information available in the office (prior BLM inventories, ID team knowledge, aerial photographs, field observations, maps, etc.)

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 your 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 inventory. Document your 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.
WILDERNESS INVENTORY MAINTENANCE
IN BLM OREGON/WASHINGTON
(Source: Oregon State Office Internal Guidance as of July 2007)

Year: 2009          Inventory Unit Number/Name: Rocky Basin, 2-17

FORM 1: DOCUMENTATION OF BLM WILDERNESS INVENTORY FINDINGS ON RECORD:

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

   No ________ Yes ______ X ______ (if more than one unit is within the area, list the names/numbers of those units.):
   b) Inventory Unit Name(s)/Number(s): Rocky Basin, 2-17
   c) Map Name(s)/Number(s): March, 1980; Final Decision for 30 Selected Inventory Units.
   d) BLM District(s)/Field Office(s): Burns District – Three Rivers Resource Area and Vale District-Malheur Resource Area.

2. BLM Inventory Findings on Record:


<table>
<thead>
<tr>
<th>Unit#/Name</th>
<th>Size (historic acres)</th>
<th>Natural Condition? Y/N</th>
<th>Outstanding Solitude? Y/N</th>
<th>Outstanding Primitive &amp; Unconfined Recreation? Y/N</th>
<th>Supplemental Values? Y/N</th>
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<tbody>
<tr>
<td>2-17E, Rocky Basin*</td>
<td>5,980</td>
<td>N</td>
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</table>

*Other subunits A, B, C, D, and F were all less than 5,000 acres in size.
APPENDIX B – INVENTORY AREA EVALUATION

Evaluation of Current Conditions:

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

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When Citizen Information has been submitted regarding wilderness characteristics, document the submitted materials including: date of Submission; Name of District(s) and Field Office(s) Affected; Type of material Submitted (e.g. narrative, map, and photos). Evaluate any submitted citizen information regarding the validity of proposed boundaries of the unit(s), the existence of roads and other boundary features, the size of the unit(s), and the presence or absence of wilderness characteristics based on relevant information available in the office (prior BLM inventories, ID team knowledge, aerial photographs, field observations, maps, etc.)

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 your 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 inventory. Document your 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.
Unit Number/Name: 2-17, Rocky Basin

(1) Is the unit of sufficient size?

Current Unit Acres: 11,360 Yes X No _________

**Citizen Information Received:** On September 19, 2007, the BLM Burns District received a citizen proposal from the Oregon Natural Desert Association (ONDA) for a 16,684 acre Cottonwood proposed Wilderness Study Area (WSA). ONDA included in their information a narrative report, maps, photos, photo and route logs and GIS data with their route and photo point data, all of which were considered as part of the wilderness inventory process for this BLM unit. The photos submitted by ONDA were taken in July of 2005.

ONDA identified the Cottonwood proposed WSA as having no routes within the area which met their definition of a boundary road. As described below, the BLM also conducted a boundary road determination process and found that several of ONDA’s “ways” are still boundary roads. It is BLM’s finding that ONDA’s Cottonwood proposed WSA is a roadless unit made of four, original, smaller, BLM units identified by the 1979 and 1980 wilderness inventory effort. In addition, ONDA’s proposed WSA includes a parcel of public land adjoining the original units on the northeast.

**ID-team Meetings:** An ID-team consisting of BLM staff from the Burns District met on January 29, 2009, to evaluate this unit. Prior to the ID-team meeting Dave Vickstrom, Wilderness Specialist and Laura Dowlan, Environmental and Planning Coordinator, reviewed ONDA photos to identify those which applied to this BLM unit for review by the Interdisciplinary (ID)-team. The ID-team was also provided with ONDA’s narrative and maps as well as BLM’s current and past maps and photographs of routes/areas in the unit plus other past inventory descriptions. The ID-team consisted of wilderness, range and planning staff. Wildlife, archaeology, geology and forestry staff were also consulted.

**BLM’s Boundary Road Determination Process:** BLM conducted a route analysis, including a field check to verify the current conditions for the boundary roads identified for the unit. District staff were also contacted prior to the ID-team meeting and provided information about current uses of routes by mining personnel, BLM personnel, grazing permittees, and other publics.

Some of the interior routes not identified as boundary roads may have been mechanically improved or maintained at some point and may be maintained in the future as needed. Most are in a useable condition, but during the field review, relatively regular use was not evident and other supporting information about regular use was not observed in the field or identified in the ID-team meeting. Therefore, these routes were not recognized as boundary roads.

**Boundary changes since 1980:** The current unit is composed of the original subunit 2-17E which met the size criteria and subunits 2-17A, B and C which were dropped from intensive
inventory because they were less than 5,000 acres in size. Subunit 2-17F is not included in the current WIM unit.

The eastern boundary (BLM Road 6266-0-OO, alias ONDA’s 217e) is the same except for the southeastern corner where it meets the Mill Gulch Access Road. ONDA’s report said the road is a way.

Mill Gulch Access Road, in addition to private and state land and CNTY 302 Road (Altnow-Beulah Lane), is the unit’s current southern boundary. The current mining operations are located on the private and state land. The southern end of the west boundary has also changed since Eagle-Picher Mine constructed and maintains the Beede Access Road. This road now accesses private land, a short section of BLM 6263-0-AO (Beede Desert Road), and CNTY 301 (Cottonwood Reservoir Road/ North Cottonwood Road) to the northwest to form the western boundary of the unit. No mining areas are within the inventory unit An area of approximately 44 acres on BLM lands in Hidden Valley (outside of the southwest corner of the inventory unit) was also excluded because of surface impacts from mining exploration (scarred sampling sites, low-standard access routes, cleared monitoring-well sites).

One route change which greatly influences the size of the unit is the current identification of the original boundary between the original subunits B and E as a way, rather than a road. ONDA’s narrative indicated this route as barely visible, overgrown, rocky, and nearly impassable way (photos HJ26, HJ34, HJ35, HJ39). BLM Photo Points XG-16, photos 52, 53 and XG-20, photos 67, 68 show the route as passable with a high-clearance vehicle, but with extremely steep grades. The route is washed out at a stream crossing in the bottom of Rocky Basin. Portions of this route may be part of the Meek’s Lost Wagon Train Route of 1846.

Another route change is the identification of BLM 6263-0-AO (Beede Desert Road), which in its current state, accesses Rocky Basin from the north and south as two cherry-stem boundary roads (BLM Photo Points XG-22, photos 72,73; XG-23, photos 76,77; XG-24, photo 80; XG-25, photos 88, 89; XG-26, photos 91, 92; and XG-27, photos 94, 95. This route is washed out in Rocky Basin but is currently passable for pickups, SUVs, 4-wheelers and off-highway motorcycles (BLM Photo Points XG-18, photos 62, 63 and XG-24, photo 79). The BLM does not intend to maintain this section of the route, as it washes out with annual spring thaws and summer thunderstorms. ONDA’s narrative identified this route as 217ae (photo HJ41), and route 217b (photos HJ36 and HJ37).

**Current Unit Boundaries: (See BLM Unit Character Map):** The routes forming boundaries were driven during field review in 2008 and 2009. All have been mechanically constructed, maintained and improved in the past, and will continue to be maintained as needed to allow for high-clearance vehicle passage for public land users. The current Rocky Basin inventory unit is composed of BLM lands managed by Vale and Burns Districts.

The following describes the boundaries of Rocky Basin WIM Unit:

- **N. boundary:** Private land; No Photos
- **E. boundary:** BLM 6266-0-OO Road (N. of Eagle-Picher mining operations);
ONDA Photos: HJ17, HJ20, HJ23
BLM Photo Pts.: AG-8 thru AG-11; XG-1 thru XG-8

Mill Gulch Road;
ONDA Photos: HJ15, HJ16
BLM Photos: None; Aerial Photo w/ route analysis form;

S. boundary: CNTY 302 Road (Altnow-Beulah Lane); Private Land
ONDA Photos: HJ1, HJ2
BLM Photos: None

W. boundary: Beede Access Road
ONDA Photos: HJ3-HJ6; HJ7 (pr. land), HJ8 (pr. land)
BLM Photos: None

Beede Desert Road
ONDA Photos: HJ36, HJ37, HJ41
BLM Photos: XG-18; XG-22 thru XG-27

CNTY 301 (Cottonwood Reservoir Road) and N. Cottonwood Road
ONDA Photos: HJ9-11; HJ42-44
BLM Photos: None

Interior Boundary Road: BLM 6263-0-AO) (Beede Desert Road), once a through-route is now two cherry-stem roads entering the west central section of the unit from the north and the south (see previous descriptions under Boundary changes since 1980). The ID-team reviewed ONDA photos and based on the team’s knowledge of the routes concurred that the route has been mechanically improved or maintained at some point. The north and south sections of the route will continue to be maintained, if needed (excluding the section of the wash-out). The route will continue to be utilized to check range developments, access range condition monitoring sites and provide access to a private 40-acre parcel. The grazing permittee will continue to use the route to check livestock and place salt and mineral blocks at various locations.

(2) Is the unit in a natural condition?

Yes _____ No _____ N/A______

1980 Unit Description: The unit is located six miles northeast of the small rural community of Drewsey. The 1980 Inventory Report noted the unit contained desert lowlands, gently rolling hills and a high, flat plateau with elevations ranging from 3,700 to 5,088 feet. The dominant vegetation is big sage, grass and juniper. The description indicated the presence of the following range developments-six reservoirs, five miles of fence, six vehicle ways (motorized primitive trails) totaling about seven miles, and fire trails. Subunit 2-17E was the only unit that met the 5,000 acre minimum size criteria, but was not natural due to the number of developments concentrated in the central portion of the area and its relatively small size.

Current Condition Description: The current unit contains more land area, as it combines a number of the 1980 original, smaller subunits to create a much larger-sized unit (see Rocky Basin Unit Character Map). The E-W route which divided the Rocky Basin Unit into subunit B
to the north and subunit E to the south is no longer a road and, the Beede Desert Road is now cherry-stemmed due to a washed-out section in Rocky Basin.

A north-south trending ridge divides the unit and creates a long, narrow western portion (less than one mile wide). The well-graded county road (Cottonwood Reservoir Road) which is most of the unit’s west boundary greatly influences the naturalness of this area. However, the eastern portion of the unit containing Rocky Basin and surrounding high plateau country makes an area of naturalness southward to where mining operations are obvious.

The unit is within five grazing allotments, the north half in Castle Rock (Vale District) and Cottonwood Creek, the south half in Rocky Basin, Tub Springs-Hart, and Mill Gulch. Fences have been constructed along the eastern and a small portion of the western boundaries. An allotment boundary fence divides the unit from E-W and a number of interior fences divide the allotments into pastures. Pasture fences have generally been built through the center of the unit, but, since much of this area has rough, convoluted topography, these fences are not obvious to the casual observer. There are fourteen small reservoirs with about half of them in the extremely rough, central portion, which are not obvious to the casual observer. The ID-team found that many of these developments and treatments were dispersed enough that the imprint of humans is still appears to be substantially unnoticeable and that the unit is in a natural condition to the average visitor. This finding is generally consistent with ONDA’s proposal for their Cottonwood Unit, which they found to be natural as a whole.

The primary human uses in the upper three-quarters of the unit and the surrounding area are associated with livestock grazing while the lower, southern quarter has several mining areas (not depicted on this unit’s associated Character Map) that have been developed for the removal of diatomaceous earth. These surface mines are quite obvious to the casual observer. The unit currently has the following developments (See Unit Character Map):

- Fences: 20.6 miles
- Reservoirs: 14
- Seedings: 285 acres
- Boundary roads: 23.5 miles
- Non-boundary roads: 8.3 miles

(3) Does the unit have outstanding opportunities for solitude?

Yes __X__ No _____ N/A ______

1980 Unit Description: Subunit 2-17E has topographic diversity, but it is not sufficient to compensate for the general lack of vegetative screening and small size. The subunit does not have outstanding opportunities for solitude.

Current Condition Description: Only that portion of the inventory unit that is in a natural condition is subject to a finding for outstanding opportunities for solitude. This is the central core of the unit (Rocky Basin and some surrounding adjacent unit lands). The size, ruggedness, lack of much vehicular access and few people visiting or using this basin area is conducive to creating a place and atmosphere of solitude. ONDA’s report expressed the opinion that the
rolling hills, many which are juniper-covered, and scattered canyons offered the topography and vegetative screening to produce opportunities for outstanding solitude.

The southern portion of the unit (about one-fourth) would not offer opportunities for solitude due to the nearby mining operations for diatomaceous earth by Eagle-Picher Mine. The mined areas are not within the inventory unit, but the sights and sounds of mining can be seen and heard from many locations within the unit. This material is locatable, so claims have been posted in surrounding areas.

(4) Does the unit have outstanding opportunities for primitive and unconfined recreation?

Yes _____ No ___X___ N/A _____

1980 Unit Description: The subunit offered opportunities for hiking, horseback riding, and hunting; however, these opportunities were not outstanding.

Current Condition Description: Only that portion of the inventory unit that is in a natural condition was considered for outstanding opportunities for primitive and unconfined recreation. ONDA felt the increased size of their proposed WSA enhanced these recreation opportunities to make them outstanding and the geologic features would also provide outstanding opportunities for rock hounding and geologic study.

While the recreation opportunities identified by both BLM and ONDA may be present, their diversity and quality are not unlike that which can be found on public lands in the much of eastern Oregon in the Northern Great Basin region. After reviewing the information submitted, the ID-team found that the recreation opportunities present in that part of the unit which is natural are not unique and do not present characteristics, either individually or collectively, that would result in them being outstanding.

(5) Does the unit have supplemental values?

Yes ___X___ No ______ N/A ______

1980 Unit Description: The unit is critical deer winter habitat.

Current Condition Description: The unit provides critical deer winter range and there is evidence of elk and turkeys using the area. There is an isolated, small pine grove along the current west boundary of the Kelly Mine. There are no known Greater Sage Grouse leks in this unit. One lek is in the BLM Cottonwood Creek Unit to the west of the Rocky Basin Unit. It is about two and one-fourth miles from this unit.

ONDA’s report noted the presence of ponderosa pine, old growth juniper and water sources which added ecological value and provided excellent habitat for various wildlife species. The report also noted Greater Sage Grouse as a species of concern and that this area may provide prime habitat for this bird. It may also be habitat for the Burrowing Owl, Ferruginous Hawk and Swainson’s Hawk, both Federal Species of Concern.
Summary of Findings and Conclusion

Unit Name and Number: Rocky Basin, 2-17

Summary Results of Analysis:

1. Does the area meet any of the size requirements? __X__ Yes ____No

2. Does the area appear to be natural? __X__ Yes ____No

3. Does the area offer outstanding opportunities for solitude or a primitive and unconfined type of recreation? __X__ Yes ____No _____NA

4. Does the area have supplemental values? __X__ Yes ____No ____NA

Conclusion (Check One):

____X__ The area-or a portion of the area-has wilderness character.

_____ The area does not have wilderness character.

Prepared by: David E. Vickstrom, Wilderness Specialist
Unit Name and Number: **Rocky Basin, 2-17**

**Team Members:**

- **Willie Street**
  - Willie Street, Range Specialist, Burns District
  - Date: 11-27-2009

- **Bill Andersen**
  - Bill Andersen, Range Specialist, Burns District
  - Date: 11-16-09

- **Bill Lutjens**
  - Bill Lutjens, Management Specialist, Vale District
  - Date: 2/8/10

- **Shaney Rockefeller**
  - Shaney Rockefeller, Soil Scientist, Vale District
  - Date: 2/18/10

- **Jonathan Westfall**
  - Jonathan Westfall, Geologist, Vale District
  - Date: 02/12/2010

- **Eric Haakenson**
  - Eric Haakenson, Wilderness Specialist, Burns District
  - Date: 11/17/09

- **Dave Vickstrom**
  - Dave Vickstrom, Wilderness Specialist, Burns District
  - Date: 12/1/2009

- **Robert Award**
  - Robert Award, Consultant-Wilderness, Vale District
  - Date: 2/5/2010

**Approved by:**

- **Rick Roy**
  - Rick Roy, Field Manager, Three Rivers Resource Area, Burns District
  - Date: 1/25/10

- **Pat Ryan**
  - Pat Ryan, Field Manager, Malheur Resource Area, Vale District
  - Date: 3/8/2010

*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 1610.5-2.02*
<table>
<thead>
<tr>
<th>Description</th>
<th>Direction</th>
<th>Photo</th>
<th>Camera</th>
<th>Location (UTM)</th>
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<td>04</td>
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<td>XG-13 0399178</td>
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**Photo Description:** D. Yokelson

**Route Name or Number:** 11T MAD 27

**Printed/revised:** 01-10-2009

**Date:** 07-10-2009

**Page 1 of 4**
<table>
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</table>

**Description:**

- North Bowl in Rocky Rim.
- Left me, looked at key-folds in valley.
- Looked into Drawsegs/01's valley, E-P Mine.

**Note:**

- Same as photo S.

**Related Events:**

- Water's edge of Rocky Basin on S. Rim.
- Same as photo A.

**Comments:**

- Begin by Weeks Lost Waterfall.
- Compart of old trail through Rocky.

**Additional Notes:**

- Photographers: D. Vocksam
- Route Name or Number: Primitive Trail in Rocky Basin Date: 07-01-2009
- Photo Log
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<th>Description</th>
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<td>Old jumpers - tree cut down off axe</td>
<td>N</td>
<td>63</td>
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<td>Old piece of iron wheel rim</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Route around wash-out on left, new road</td>
<td>S</td>
<td>62</td>
<td></td>
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<td>Old road surface (washed out) on left, new road</td>
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<td>Washout washed out of road in canyon, now passable</td>
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<td>Warm through rim</td>
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<td></td>
<td></td>
<td>19</td>
<td>4862298</td>
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<td>Campfire, one end shows wear &amp; thinness. It is possible use to lift heavy posts out of</td>
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<td>Old iron rim from wooden wagon wheel bent</td>
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<td>XE-20 0398254</td>
<td>4863062</td>
</tr>
<tr>
<td>Down steep hill into bottom of Rocky Basin</td>
<td>W</td>
<td>67</td>
<td></td>
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</tr>
<tr>
<td>Landscape: High Points on rim in Rocky Basin</td>
<td></td>
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<tr>
<td>Mountains: Lost Information locate</td>
<td></td>
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<tr>
<td>Wild Basin</td>
<td>E</td>
<td>65</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Character and naturalness
Unit: Include original unit number and document current landscape improvements and use
Route: Document presence or absence of construction, maintenance,

Photo Log

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Page 40 of 4
BERNESS INVENTORY MAINTENANCE
ROUTE ANALYSIS

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

Evaluator(s): D. Vickstrom Date: 1-6-2009

Original Wilderness Inventory Area Name/Number (UNIT_ID): 2-17: Rocky Basin

Route Name and/or Identifier: Bead Mine Road/Hidden Valley Road
(Include Transportation Plan Identifier, if known, include route number supplied by citizen information when available)

I. LOCATION: refer to attached map Field Map and BLM corporate data (GIS). List photo point references (if applicable): No Photo Points - Aerial Photo from Terri Geisler

II. CURRENT PURPOSE OF ROUTE:

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

Describe: Provides mine access by mining company.

III. ROAD RIGHT-OF-WAY:

Is a road right-of-way associated with this route? Yes ___ No ___ Unknown ___

IV. CONSTRUCTION

Yes ___ No ___

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

Describe: Posted mine haul road & Hidden Valley exploratory drilling op's/groundwater monitoring/wells access.

ONDA Photo Points H5006, H5007, H5008

ONDA PWSA

Cottonwood

BLM Personnel Consulted
Terri Geisler, Geologist
V. IMPROVEMENTS

Yes ✓ No

By Hand Tools ___ By Machine ✓

Examples:
- Culverts ✓
- Stream Crossings
- Bridges
- Barriers
- Other ✓ Gravel

Describe: Bladed & gravelled for year round use. (Has run-o-way truck
stopping area)

VI. MAINTENANCE:

A. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes ✓ No

Hand Tools Y/N Machine Y/N

Explain: Regularly bladed & gravelled

B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?
Yes ✓ No

Comments: Main mining haul road approved by BLM

VII. REGULAR AND CONTINUOUS USE:

Yes ✓ No

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis: Heavy trucks &
other equipment regularly use road

VIII. CONCLUSION:

To meet the definition of a road, items IV or V, and VI-A or B, and VII must be checked yes.

Road: Yes ✓ No

Explanation: Road has been improved for mining ops & will be maintained as necessary. It will continue to be used as described & meets the criteria of a road.
Wilderness Inventory Unit

Route No. Keyed 1
Route Analysis Map,
1/29/2009 - Celatok M.
Project

Evaluator(s): D. Vickstrom Date: 1-6-2009

Original Wilderness Inventory Area Name/Number (UNIT_ID): 3-34 Agency Mn.

Route Name and/or Identifier: Beulah Road (CNY 542)
(Include Transportation Plan Identifier, if known, include route number supplied by
citizen information when available)

Wilderness Characteristics Inventory
Eagle-Picher Mine EIS 2009
Field Map and BLM corporate data
(GIS). List photo point references (if applicable): See Attached Photo Log
No Photo Points

I. LOCATION: refer to attached map (GIS). List photo point references (if applicable):

II. CURRENT PURPOSE OF ROUTE:

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

Describe: Provides access between Drewsey/Otis Valley & Beulah Reservoir.
Route used by the public, ranchers BLM personnel. W. end of route
meets Altknow-Beulah Lake Juntura Cut-Off Rd. & Mill Gulch Rd.

III. ROAD RIGHT-OF-WAY:

Is a road right-of-way associated with this route? Yes ✓ No No Unknown

IV. CONSTRUCTION

Yes ✓ No

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

Describe: Road constructed to provide access between Beulah/Agency area &
Drewsey/Otis Valley area. Its an historic route constructed in
early homestead days, Route crosses Co. lines & is maintained
by Harney & Malheur Counties. (Juntura Rural Road District
maintains route in both counties)

BLM Personnel Consulted
Tesra Geisler, Geologist

ONDA Photo Points
None
V. IMPROVEMENTS

Yes [ ] No [X]

By Hand Tools [ ] By Machine [X]

Examples:
- Culverts [X]
- Stream Crossings [ ]
- Bridges [ ]
- Gates [ ]
- Cattleguards [X]
- Drainage [X]
- Barriers [ ]
- Other [ ]

Describe: Improvements are part of a rural gravelped Co road. Co. road is improved to accommodate vehicles such as SUVs, pickups, heavy trucks. Passenger cars are used during summer & fall months when weather & road conditions allow.

VI. MAINTENANCE:

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

Yes [X] No [ ]

Hand Tools (Y/N) [ ] Machine (Y/N) [X]

Explain: Local Road Dist. (Ranchers/pr. landowners) maintain the road for year-round access.

B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?

Yes [X] No [ ]

Comments: Junctura Rural Road District maintains road for year-round access. Route accesses large area of BLM, Bureau of Rec. & pr. lands in Harvey & Malheur Counties, & numerous developments including ranches, range developments & irrigation developments.

VII. REGULAR AND CONTINUOUS USE:

Yes [X] No [ ]

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis. Route used by local residents & public use of Beriah Reservoir & surrounding public lands.

VIII. CONCLUSION:

To meet the definition of a road, items IV or V, and VI-A or B, and VII must be checked yes.

Road: Yes [X] No [ ]

Explanation: Road is maintained Co. road & will be bladed/improved as necessary. It will continue to be used as described & meets the criteria of a road.
(Factors to consider when determining whether a route is a boundary road for wilderness inventory purposes.)

Evaluator(s): D. Vickstrom

Date: 1-8-2009

2-16; Cottonwood Cr.

Original Wilderness Inventory Area Name/Number (UNIT_ID): 2-17j Rocky Basin

Route Name and/or Identifier: Cottonwood Res. Rd. (CNTY 301)

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

Wilderness Characteristics Inventory
Eagle-Pitch Mine EIS 2009

I. LOCATION: refer to attached map Field Map and BLM corporate data (GIS). List photo point references (if applicable): No Photo Points

II. CURRENT PURPOSE OF ROUTE:

Examples: Rangeland/Livestock Improvements (stock tank, developed spring, reservoir, fence, corral), Inholdings (ranch, farm house), Mine Site, Concentrated Use Site (camp site), Utilities (transmission line, telephone, pipeline), Administrative (project maintenance, communication site, vegetation treatment).

Describe: Route used by ranchers, hunters, fishermen, and access pr. land.

III. ROAD RIGHT-OF-WAY:

Is a road right-of-way associated with this route? Yes ☑ No ____ Unknown ____

IV. CONSTRUCTION:

Yes ☑ No _____

Examples:

Paved Bladed ☑ Graveled ____ Roadside Berms ☑
Cut/Fill ☑ Other _______

Describe: Constructed with heavy equipment.

ONDA Photo Points
H5042, H5043, H5044
H5009, H5010, H5011
ONDA PWSA
Cottonwood

BLM Personnel Consulted
Willie Street, Range Spec
V. IMPROVEMENTS

Yes ☑ No ____________

By Hand Tools ______ By Machine ☑

Examples:
Culverts __________ Stream Crossings ☑ Bridges ______ Gates ______
Cattleguards ☑ Drainage ☑ Barriers ______ Other ______

Describe: well-maintained road with cattleguards installed to eliminate some fence gates.

VI. MAINTENANCE:

A. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes ☑ No ____________

Hand Tools (Y/N) ______ Machine (Y/N) ______

Explain: Maintained annually by Harney Co. Rd. Dept.

B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?
Yes ☑ No ____________

Comments: Main rural route to Cottonwood Res., BLM lands & non-lands.

VII. REGULAR AND CONTINUOUS USE:

Yes ☑ No ____________

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis: used regularly by pr. landowners, public land users & BLM personnel.

VIII. CONCLUSION:

To meet the definition of a road, items IV or V, and VI-A or B, and VII must be checked yes.

Road: Yes ☑ No ____________

Explanation: Road has been bladed annually & will continue to be kept in condition for motorized vehicle use. Route meets the criteria of a road.
WILDERNESS INVENTORY MAINTENANCE
ROUTE ANALYSIS

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

Evaluator(s): D. Vickstrom Date: 2-9-2009

Original Wilderness Inventory Area Name/Number (UNIT_ID): 2-17, Rocky Basin

Route Name and/or Identifier: Hidden Valley Road
(Including Transportation Plan Identifier, if known, include route number supplied by citizen information when available)

wilderness characteristics inventory
Eagle-Picher Mine EIS 2009

I. LOCATION: refer to attached map and BLM corporate data
   (GIS). List photo point references (if applicable): See Attached Photo Log
   No Photo Points - Aerial Photo from Terri Geisler

II. CURRENT PURPOSE OF ROUTE:

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

Describe: Provides access by Eagle-Picher Mine to access current area for exploration & drilling (possible future mine expansion site).

III. ROAD RIGHT-OF-WAY:

Is a road right-of-way associated with this route? Yes No Unknown

IV. CONSTRUCTION

Yes √ No 

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

Describe: Route realigned to bypass Reservoir & access from Beede Mine Rd.

ONDA Photo Points
None

ONDA PWSA
Cottonwood

BLM Personnel Consulted
Terri Geisler, Geologist
V. IMPROVEMENTS

Yes ______ No ______

By Hand Tools ______ By Machine ______

Examples:
Culverts ______ Stream Crossings ______ Bridges ______ Gates ______
Cattleguards ______ Drainage ______ Barriers ______ Other ______

Describe: ___________________________________________________________

VI. MAINTENANCE:

A. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes ______ No ______

Hand Tools ______ (Y/N) ______ Machine ______ (Y/N) ______

Explain: Route bladed to allow access by mining exploration/drilling vehicles.

B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?
Yes ______ No ______

Comments: Route will be used for continuing exploration & possible mine expansion by mining Co.

VII. REGULAR AND CONTINUOUS USE:

Yes ______ No ______

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis. Route is used by mine employees for exploration to expand mining ops. It is regularly accessed & adjoins the Bedee Desert Mine.

VIII. CONCLUSION:

To meet the definition of a road, items IV or V, and VI-A or B, and VII must be checked yes.

Road: Yes ______ No ______

Explanation: Route has been realigned & maintained for mining ops. & will be maintained as necessary to continue the exploration & removal of diatomaceous earth. It meets the criteria of a road.
Evaluator(s): D. Vickstrom    Date: 1/6/2009

Original Wilderness Inventory Area Name/Number (UNIT_ID): 217; Rocky Basin

Route Name and/or Identifier: Mill Gulch Road
(Include Transportation Plan Identifier, if known, include route number supplied by citizen information when available)

Wilderness Characteristics Inventory
Eagle-Picher Mine EIS 2009

I. LOCATION: refer to attached map Field Map and BLM corporate data (GIS). List photo point references (if applicable):

No Photo Points -
Aerial photo from Terri Geiser

II. CURRENT PURPOSE OF ROUTE:

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

Describe: Provides access to ZP Miners diopside mine to north end of Section 30 North of Section 30/Section 19 boundary provides access to old exploratory drill roads, some of which were bladed. YAVES groundwater monitoring wells (MW-8 and MW-9).

Is a road right-of-way associated with this route? Yes ☑ No ☐ Unknown ☐

IV. CONSTRUCTION

Yes ☑ No ☐

Examples:
Paved ☑ Bladed ☑ Graveled ☑ Roadside Berms ☐
Cut/Fill ☑ Other ☐

Describe: Paved to S. end of Sec. 36 (Mine staging area), graveled to middle of Sec. 39; cuts/fills & bladed in various locations for NE 1/4, Sec. 24; which is as far as Terri Geiser has driven.

ONDA Photo Points
HJ15) HJ16 (Photos taken 7/2005) Terri Geiser, Geologist

ONDA Cottonwood PWSA Boundary Rd.
V. IMPROVEMENTS

Yes ☑ No □

By Hand Tools □ By Machine ☑

Examples:
- Culverts ☑
- Stream Crossings □
- Drainage □
- Bridges ☑
- Barriers □
- Gates □
- Cattleguards □
- Other □

Describe: Road through mining area is high-use gravelled haul route.

VI. MAINTENANCE:

A. Is there evidence or documentation of maintenance using hand tools or machinery?
Yes ☑ No □

Hand Tools (Y/N) ☑ Machine (Y/N) ☑

Explain: Maintained by mining Co. for approx 6 mi. NE from main ctg. 302
(Attn: трарах Rd.)

B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?
Yes ☑ No □

Comments: Will be maintained by mining Co. to N end of Sec. 19.

VII. REGULAR AND CONTINUOUS USE:

Yes ☑ No □

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis: Used as year-round haul road & as access by public, BLM and grazing permittees.

VIII. CONCLUSION:

To meet the definition of a road, items IV or V, and VI-A or B, and VII must be checked yes.

Road: Yes ☑ No □ Gravelled

Explanation: Road is high std, paved gravel, haul road & will be maintained as necessary, high quality road to, NE corner of Sec. 24. It will continue to be used as described & meets the criteria of a road.
Wilderness Inventory Unit

Route Analysis Map
6/29/2009 - Celatol Mine
Project

Evaluator(s): D. Vickstrom
Date: 1-12-2009

Original Wilderness Inventory Area Name/Number (UNIT_ID): Rocky Basin OR-02-017

Route Name and/or Identifier: Road 0266-0-00 (from Cnty Rd #11W past Kelly Field Mine, River Brakes (VW))

I. LOCATION: refer to attached map and BLM corporate data (GIS). List photo point references (if applicable):

BLM Photo pts: AG-99, 177, 178 (winter photos showing route conditions);
AG-1, photo 2; XG-2, photos 6, 7; XG-3, photos 9, 10; XG-4, photos 13, 14.

II. CURRENT PURPOSE OF ROUTE:

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

Accesses spring development (Box Spring), Kelly Field Mine, reservoir’s fence,
Describe: Prilands and enters Malheur Nat’l Forest to the NE; used as livestock trail, hunter access, prl. land access.

III. ROAD RIGHT-OF-WAY:

Is a road right-of-way associated with this route? Yes ___ No ___ Unknown ___

IV. CONSTRUCTION

Yes ___ No ___

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

Describe: Route constructed through foothills & rocky high plateau country to forest.

ONDA Photo Points
HS-17, HS-20, HS-23, photos taken 7-2005

ONDA PWSA
Cottonwood

BLM Personnel Consulted
Willie Street, Range Spec.
Bill Andersen, Range Spec.
Terri Gaster, Geologist
V. IMPROVEMENTS

Yes _____ No _____

By Hand Tools _____ By Machine _____

Examples:
Culverts _______ Stream Crossings _______ Bridges _______ Gates _______
Cattleguards _______ Drainage _______ Barriers _______ Other ______

Describe: ________________________________

VI. MAINTENANCE:

A. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes _____ No _____

Hand Tools (Y/N) _____ Machine (Y/N) _____

Explain: Route from CNTY 542 Rd. has been maintained by Eagle - Picher Mine to Kelly Field Mine area.
B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?
Yes _____ No _____

Comments: Route accesses Kelly Field Mine & a very large area of public & pr. lands & numerous range/livestock improvements (extensive fencing & waterholes), also trend plots, salt/mined sites, pr. lands.

VII. REGULAR AND CONTINUOUS USE: reservoirs & fences.

Yes _____ No _____

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis: Active mine access route used seasonally to place salt/mined blocks, check water sources & manage livestock. Route used by hunters in Fall & by BLN personnel to monitor range plots, range conditions & livestock use. Vehicle tracks observed on 6-30-2009.

VIII. CONCLUSION:

To meet the definition of a road, items IV or V, and VI-A or B, and VII must be checked yes.

Road: Yes _____ No _____

Explanation: Route meets the criteria of a road & will continue to be used by mining personnel, grazing permittees & other public land users as described.
WILDERNESS INVENTORY MAINTENANCE
ROUTE ANALYSIS

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

Evaluator(s): D. Vickstrom  Date: 06-30-2009

Original Wilderness Inventory Area Name/Number(s) (UNIT_ID): 2-17, Rocky Basin

Route Name and/or Identifier: unnamed, noted as Rt. No. 5 (in red) for Vale Dist.
(Include Transportation Plan Identifier, if known, include route number supplied by citizen information when available)

I. LOCATION: refer to attached map and BLM corporate data (GIS). List photo point references (if applicable): See Attached Photo Log

Wilderness Characteristics Inventory Field Map: Eagle - Picher Mine
BLM Photo Pts.: XG-10, Photos 33, 34
ONDA Photos: None

II. CURRENT PURPOSE OF ROUTE:

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

Describe: Provided access from top of flats on rim to pr. land in bottom of Cottonwood Cr. Canyon. This route is now fenced off in the bottom of the canyon, so access is closed. No Trespassing sign posted on BLM land (E. end of route).

III. ROAD RIGHT-OF-WAY:

Is a road right-of-way associated with this route? Yes ___ No ___ Unknown ___

IV. CONSTRUCTION

Yes __ No ___

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

Describe: Constructed by dozer to provide access from top of rim down to Cottonwood Cr.
V. IMPROVEMENTS

Yes _____  No ______

By Hand Tools_____  By Machine______

Examples:
   Culverts______  Stream Crossings_______  Bridges______  Drainage______
   Barriers_______  Other______

Describe: ____________________________________________________________

VI. MAINTENANCE:

A. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
   Yes ________  No ______

   Hand Tools (Y/N)_____  Machine (Y/N)______

   Explain: _________________________________________________________

B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?
   Yes ___  No ___

   Comments: Route is currently fenced off from creek. However, the route provides the only vehicle access for miles to this drainage from the high plateau on the E, from BLM Rd 6266-0-00.

VII. REGULAR AND CONTINUOUS USE:

Yes _______  No ________

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis.

   This route is fenced off in the bottom of Cottonwood Canyon/Cr. on pr. land

VIII. CONCLUSION:

To meet the definition of a road, items IV or V, and VI-A or B, and VII must be checked yes.

   Road: Yes _______  No ______

   Explanation:
Wilderness Inventory Unit

Route No. Keyed to Route Analysis Map: 1/29/2009-Celatow Mtn Project

Evaluator(s): D. Vickstrom Date: 2-9-2009

Original Wilderness Inventory Area Name/Number (UNIT_ID): 2-17 Rocky Basin

Route Name and/or Identifier: Unnamed - off BLM 6266-O-00
(Include Transportation Plan Identifier, if known, include route number supplied by citizen information when available)

Wilderness Characteristics Inventory: Eagle-Picher Mine EIS 2009

I. LOCATION: refer to attached map Field Map and BLM corporate data (GIS). List photo point references (if applicable): See Attached Photo Log

No Photo Points - Aerial Photo from Terri Geisler

II. CURRENT PURPOSE OF ROUTE:

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

Describe: Used by Eagle-Picher Mine to access areas for exploration & drilling

III. ROAD RIGHT-OF-WAY:

Is a road right-of-way associated with this route? Yes ____ No ____ Unknown __

IV. CONSTRUCTION

Yes ___ No ____

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

Describe: Bladed to allow access of vehicles used for exploration/drilling

BLM Personnel Consulted Terri Geisler, Geologist

ONDA Photo Points
None

ONDA PW5A
Cottonwood
V. IMPROVEMENTS

Yes _____ No _____ ✓

By Hand Tools _____ By Machine _____

Examples:
Culverts ______ Stream Crossings ______ Bridges ______ Gates ______
Cattleguards ______ Drainage ______ Barriers ______ Other ______

Describe: ________________________________________________

VI. MAINTENANCE:

A. Is there Evidence or Documentation of Maintenance using hand tools or machinery?
Yes _____ ✓ No ______

Hand Tools (Y/N) _____ Machine (Y/N) ______

Explain: Recent maintenance by Eagle-Picher Mine

B. If the route is in good condition, but there is no evidence of maintenance, would mechanical maintenance with hand tools or machines be approved by BLM in the event this route became impassable?
Yes _____ ✓ No ______

Comments: Route will be used for possible mine expansion.

VII. REGULAR AND CONTINUOUS USE:

Yes _____ ✓ No ______

Describe evidence (vehicle tracks observed) and other rationale for whether use has occurred or will continue to occur on a relatively regular basis. Route is used by mine employees for exploration to expand mining ops. It is regularly accessed. Area adjoins current Kelly Field Mine on NW corner.

VIII. CONCLUSION:

To meet the definition of a road, items IV or V and VI-A or B, and VII must be checked yes.

Road: Yes _____ ✓ No ______

Explanation: Route has been maintained for mining ops, it will be maintained as necessary to continue the exploration & removal of diatomaceous earth. It meets the criteria of a road.