

Name: **Five Buttes Central Central WY-030-15N90W28-2012, a subunit of Wild Horse Basin WYO-030-408**

**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  (if yes, and if more than one area is within the area, list the names of those areas):

a) **Inventory Source:** \_\_\_\_\_ Wild Horse Basin \_\_\_\_\_

b) **Inventory Area Name(s)/Number(s):** \_\_\_\_\_ Wild Horse Initial Inventory \_\_\_\_\_

c) **Map Name(s)/Number(s):** \_\_\_\_\_ Wild Horse Basin; WY-030-048 \_\_\_\_\_

d) **BLM District (s)/Field Office(s):** \_\_\_\_\_ Rawlins Field Office \_\_\_\_\_

**2. BLM Inventory Finds 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:

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Area #/Name	Sufficient Size? Yes/No (acres)	Naturalness? Yes/No	Outstanding Solitude? Yes/No	Outstanding Primitive & Unconfined Recreation? Yes/No	Supplemental Values? Yes/No
Wild Horse Basin WYW-030-408	Yes (375,000 acres)	No	No	No	No

**FORM 2**

**Current Conditions: Presence or Absence of Wilderness Characteristics**

a. Area Number/Name **Five Buttes Central Central WY-030-15N90W28-2012, a subunit of Wild Horse Basin WYO-030-408** Acreage 6155.47

(1) Is the area of sufficient size?

Yes  No

Describe the boundaries of the area (roads, property lines, etc.). If the area meets one of the exceptions to the size criterion, check "Yes" and describe the exception. If more than one inventory area is involved, list the acres in each and evaluate each area/sub-area separately. In completing steps (1) – (5), use additional space as necessary.

The unit is irregularly triangular. The unit is bound on the north by BLM Road 3314, a.k.a. Cherokee Road, as well as State of Wyoming land. The unit is bound to the east by private land. The unit is bound to the south by County Road 608, a.k.a. Wild Cow Road.

See **Five Buttes Central Outlier WY-030-15N90W33-2012, a subunit of Wild Horse Basin WYO-030-408.**

DESCRIPTION OF CURRENT CONDITIONS: The Five Buttes Central area under consideration is 6,155.47 acres of BLM public land. It is located within the following townships: Township 15, Range 91, Sections 24-25; Township 15, Range 90, Sections 16-17, 19-24, 26-30, and 35; Township 14, Range 90, Section 2. The topography consists, primarily, of rolling prairie, buttes, hills, and drainages created by Cherokee Creek and the South Fork tributary. Elevation ranges from 7,588 feet on the hilltops above the drainages to 6,800 feet at the bottom of the drainages. The dominant vegetation cover is mountain big sagebrush on the slopes and uplands of the unit and wet meadow cover along creeks and draws. The primary land use is livestock grazing. Among range improvements, two fences bisect the area in addition to three reservoirs, four springs, and five water wells. The area has one gas well. The area also contains a number of unimproved two-track trails accessible only by 4wd vehicles. The primary, dispersed recreational activity in the area is hunting.

(2) Does the area appear to be natural?

Yes  No  N/A

Description: The 43.77 miles of primitive routes (i.e., unimproved roads and two-track trails) and 0.10 miles of wilderness inventory roads (i.e., well access roads) detract from the unit's naturalness. Examples of these primitive routes and wilderness inventory roads are demonstrated in photos 1 and 2. When hiking across the Five Buttes Central Unit, the casual observer cannot escape the constant view of primitive routes. These primitive routes create noticeable linear

intrusions and disturbances that interrupt the experience of any wilderness character briefly encountered in areas untrammled by the works of man.

The area contains two oil and gas wells throughout the Five Buttes Central Unit (see locations in the large-scale aerial photo). These oil and gas installations within the unit represent permanent improvements and loss of primeval character. When examining the status of the oil and gas wells, one of these wells has an expired permit and one well is permanently abandoned. Despite the variation in status, these wells remain as existing installations that detract from the naturalness and are substantially noticeable to the casual observer while hiking through the unit. All wells, which are not abandoned, are managed as active wells and receive commercial vehicle traffic for periodic maintenance. This traffic would interrupt the casual observer's experience of wilderness character due to road dust plumes and the contrast between the white coloration of these vehicles moving across the tan, brown, and olive landscape. Well pads do not receive final reclamation approval until they have been plugged and abandoned. Visual contrasts created by surface disturbances, including well pad turn-arounds, soil exposure around the facilities, and a rectangular area of wheat grass, remain until final reclamation is established.

The Five Buttes Central Unit also contains three man-made reservoirs (see unit map containing aerial photo and reservoir legend). When the casual observer encounters these man-made borrow pits and impounded reservoirs, the linear and textual contrast on the landscape attracts the attention of the observer to this modification constructed with mechanized equipment. As an example, Cherokee Creek Reservoir has a man-made dam that is rectangular in shape and built from a borrow pit which covers .40 surface acres.

The casual observer is often attracted to bodies of water while hiking. Water adds interest and diversity to the landscape. When arriving at any of the three reservoirs, the casual observer would notice that it is not a natural lake and that they have encountered an impounded, muddy borrow pit. The hiker seeking refreshment from clean water, would quickly notice that this "reservoir" is designed for cattle operations where the water is unfit for human consumption or swimming. The numerous range improvements, including three reservoirs, six water wells, two springs, and one fence were constructed, primarily, for commercial grazing operations. These improvements give the casual observer a perception that they are visitors to a cattle range rather than a wilderness untrammled by the works of man. While the presence of cattle is compatible with a natural landscape for wilderness inventory purposes, the noticeable presence of numerous grazing-related developments in this unit is not.

In sum, the cumulative impacts on naturalness including the numerous oil and gas wells, primitive routes and wilderness inventory roads, and permanent range improvements have impaired the naturalness in the Five Buttes Central Unit to a level that is incompatible with the definitions of wilderness provided in Section 2(c) of the Wilderness Act of 1964 (incorporated in FLPMA 1976):

**A wilderness, in contrast with those areas where man and his own works dominate the landscape, is hereby recognized as an area where the earth and its community of life are untrammled by man, where man himself is a visitor who does not remain. An area of wilderness is further defined to mean in this Act an area of undeveloped Federal land retaining its primeval character and influence, without permanent improvements or**

**human habitation, which is protected and managed so as to preserve its natural conditions and which (1) generally appears to have been affected primarily by the forces of nature, with the imprint of man's work substantially unnoticeable; (2) has outstanding opportunities for solitude or a primitive and unconfined type of recreation; (3) has at least five thousand acres of land or is of sufficient size as to make practicable its preservation and use in an unimpaired condition; and (4) may also contain ecological, geological, or other features of scientific, educational, scenic, or historical value.**

(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

Description:

(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

Description:

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

Yes  No  N/A

Description:

## Summary of Analysis

**Area Name and/or Number: Five Buttes Central Central WY-030-15N90W28-2012**

### Summary

Results of analysis:

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 of 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 Land with Wilderness Characteristics (LWC).

X  The area does not have wilderness characteristics.

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**Date:** \_\_\_\_\_