
J. E. STOVER & ASSOCIATES, INC.

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MINE ENGINEERING
MINE RECLAMATION

CIVIL ENGINEERING
CONST. MANAGEMENT

December 13, 2024

Rob Zuber

Division of Reclamation, Mining & Safety
1313 Sherman St., Room 215
Denver, CO 80203

Re: Bowie Resources, LLC, Bowie No. 2 Mine
Minor Revision Application MR-208, Mid-Term Review MT-06
Permit C-1996-083

Dear Mr. Zuber:

The DRMS transmitted its midterm review for the Bowie No. 2 Mine via email dated October 3, 2024. On behalf of Bowie Resources LLC, enclosed is an application for a minor revision to address midterm review issues raised by the DRMS.

1. **DRMS:** If there have been any changes to the ownership and control information for BRL since RN-05, BRL needs to provide updated identification of interests information as required by Rule 2.03.4.

BRL - There have not been any changes to the ownership and control information for BRL.

2. **DRMS:** If there have been any changes to Maps 1 and 2 (Volume II) since RN-05, BRL needs to update these maps. Also, as necessary, please update any access agreements (Volume III).

BRL: Please see revised **Map-01** and revised pages **2.03-4** and **2.03-7**. No changes are necessary for Map-02.

3. **DRMS:** For this adequacy item, please provide an explanation and (as necessary) revise the text in the PAP. ***"Reclamation work"***

will be initiated ... when the applicant deems the mine to no longer be an economically viable operation.” Please explain how this statement correlates to the current situation at the mine site. If appropriate, please explain that BRL is reclaiming gob piles, but this is interim reclamation and not final reclamation. Please also explain if BRL is only reclaiming a portion of Gob Pile #2 in 2024, but the top portion will be left un-reclaimed indefinitely. Also, the text should possibly be revised because it appears that the following language on page 2.05-64 is not accurate.

o “Reclamation of the site will take two construction seasons.”

o “The first phase of reclamation is the removal of buildings and structures from the site.”

BRL: Please see revised page **2.05-64**. The text was revised to show that Final reclamation will occur over two construction seasons. The reclamation at the gob piles is considered interim reclamation.

Please let me know if you have any questions. Thanks

Sincerely,

Tamme Bishop

Tamme Bishop, P.E.
Consulting Engineer

Revised Pages:

Volume I: 2.03-5 and 7, 2.05-64

Volume II: Map-01



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567

APPLICATION FORM FOR A REVISION TO A COAL MINING AND RECLAMATION PERMIT

This form must be completed and submitted with all requests for minor revisions, as defined in Rule 1.04(73), technical revisions, as defined in Rule 1.04(136), and permit revisions, as defined in Rule 1.04(90). All revisions are to address the requirements of Rule 2.08.4. Three (3) copies of the revision, including maps, must be submitted in order for it to be complete.

All revisions are to be formatted so they can be inserted into the permit to replace the revised sections, maps, tables and/or figures, with a revised table of contents, if necessary. The revision submittal date should be printed in the lower right corner of each revision page. A cover letter to the revision should explain the nature of the revision and reference the specific permit sections being revised.

For federal mines, a copy of the revision application must be submitted to all agencies on the federal mailing list (except OSM) at the same time the application is submitted to the Division, and proof of distribution must be submitted to the Division along with the application. Copies of revision pages modified during the review process must be distributed in the same manner, along with proof of distribution. Proof of distribution must be submitted prior to implementation of the revision.

Permit No.: C - 1996 - 083 Date: 12 / 13 / 2024

Permittee: Bowie Resources, LLC

Bowie No. 2 Mine

Street: P.O. Box 1488

City: Paonia

State: CO Zip Code: 81428 -

Brief Description of Revision: Update surface ownership map and associated permit pages.

Revise text in regard to reclamation timing.

Public Notice Attached: Yes ☐ No ☒ (Required for PRs and TRs)

Bond Increase: Yes ☐ No ☒

Federal ☒ **Non-Federal** ☐ **Mine**

Proposed Change in:

Permit Area -

Disturbed (+/-) 0 . 0 Acres

Permit (+/-) 0 . 0 Acres

Affected (+/-) 0 . 0 Acres

Surface Ownership -

Private Land (+/-) 0 . 0 Acres

Federal Land (+/-) 0 . 0 Acres

State Land (+/-) 0 . 0 Acres

Mineral Ownership -

Mineral Private (+/-) 0 . 0 Acres

Mineral State (+/-) 0 . 0 Acres

Mineral Federal (+/-) 0 . 0 Acres

- (b) The holders of record of any leasehold interest in the area to be affected by surface operations and any purchaser of record under a real estate contract of the coal to be mined.

None

- (c) Any purchaser of record under a real estate contract of the areas to be affected by surface operations and any purchaser of record under a real estate contract of the coal to be mined.

None

- (7) The owners of record of all surface and subsurface areas contiguous to any part of the proposed permit area are as follows:

Surface - Refer to Map 01- Surface Ownership

- 01 Bowie Resources, LLC
P.O. Box 483
Paonia, CO 81428
- 02 Bureau of Land Management
Montrose District Office
2505 So. Townsend Avenue
Montrose, CO 81401
- 03 U. S. Forest Service
Paonia Ranger District
P.O. Box 1030
Paonia, CO 81428
- 04 John R Milner
158 750th Rd
Seldon, KS 67757
- 05 Leonard and Dinah Wiggins
4025 Cedar Lane
Paonia, CO 81428

2.03.4(7)

- 26 Janet Pagone
39659 Lund Road
Paonia, CO 81428-6443
- 27 David Kuntz Land & Livestock
28053 Buffalo Rd
Hotchkiss, CO 81419-3700
- 28 Harris Orion Investment, LLC
PO Box 940
Paonia, CO 81428-0940
- 29 Kevin M Keeling Revocable Trust
P.O. Box 326
Monet, MO 65708-0326
- 30 George, John H
16118 Farmers Mine Road
Paonia, CO 81428-7103
- 31 Wesley Morgan
PO Box 281
Paonia, CO 81428-0281

Coal - Refer to Map 02 - Coal Ownership, Coal ownership listing is restricted to coal bearing zone north of the Rollins Sandstone outcrop

- 01 Bowie Resources, LLC
P.O. Box 483
Paonia, CO 81428
- 02 Bureau of Land Management
Montrose District Office
2505 So. Townsend Avenue
Montrose, CO 81401
- 03 Milner, Robert L.
42549 R25 RD
Paonia, CO 81428
- 04 Oxbow Mining, Inc.
7901 Southpark Plaza, #202
Littleton, CO 80120

2.05.4 Reclamation Plan

- (1) The areas disturbed by the mine facilities will be returned to a rangeland and wildlife habitat land use. The loadout will be returned to a cropland and pastureland land use. This will be accomplished by restoring the area to the approximate original contour. Surface areas will be covered with topsoil and seeded with the approved seed mix.
- (2)(a) Reclamation work will be initiated when the mine reserves are depleted or when the applicant deems the mine to no longer be an economically viable operation. Final reclamation of the site will take two construction seasons. The first phase of reclamation is the removal of buildings and structures from the site. This phase will occur during year one of the reclamation schedule. The second phase of reclamation will be recontouring the area to approximate original contours, placing topsoil on the regraded area and seeding the area with the approved seed mix. This second phase will take approximately six months and will occur during year two of the reclamation schedule. At the time of this writing (12/2024), the Operator is reclaiming gob pile #2 which is interim reclamation and not part of the final reclamation timeline. In addition, the top of the gob pile #2 will remain un-reclaimed indefinitely as it may be used at a future date should the mine resume active mining operations.
- (2)(b) A detailed estimate of the cost of reclamation of the proposed mine and mine facilities is presented in Section 3.05 Performance Bond Requirements.
- (2)(c) The mine facilities area, haul road and utility corridor were designed using a proximate balanced cut and fill technique. To reclaim the areas to approximate original contour, the fill placed on the outcrops must be returned to the cut slopes. The Postmining Topography Map No. 18 is presented in Volume II along with the Postmining and Premining Cross Sections Map No. 19.

Excavation of the B-Seam portal during 2003 produced an excess material stockpile of approximately 106,000 cubic yards. In order to expand an adjacent material storage area, the Operator used 14,000 cubic yards of this material as cover for the gob piles #2 and #4 (TR-79 & TR-83). The 14,000 cubic yard deficit of fill material for the B-Seam portals at final reclamation means the reclaimed ground surface will be about 1.9 feet lower than the original ground surface over the 4.5 acre disturbed area.

Large rocks and rock piles will be randomly placed throughout the reclaimed areas to provide small wildlife habitat.