

# J. E. STOVER & ASSOCIATES, INC.

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MINE ENGINEERING  
MINE RECLAMATION

CIVIL ENGINEERING  
CONST. MANAGEMENT

June 29, 2020

Rob Zuber  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

Re: 2019 Annual Reclamation Report  
Adequacy Review #2  
Bowie Resources, LLC, Bowie No. 2 Mine  
Permit No. C-1996-083

Dear Mr. Zuber:

On behalf of Bowie Resources, LLC, below are the responses to DRMS' adequacy review letter dated June 26, 2020;

1. **DRMS** - Please resubmit the 2019 ARR form (again). The column in the form entitled Last Year's Cumulative Total (second column from left) should match the Cumulative Total column from the final version of the 2018 form (far right column). The columns for adding/subtracting should be used to make the form reflect the accurate numbers for 2019 in the Cumulative Total column. This applies to the values in the row for Acreage in Active Mining Areas (the Cumulative Total for this value should be 0.0 acres in the 2019 form because this is not a surface mine) and any other applicable rows.

**BRL:** Please see revised ARR Form.

2. **DRMS:** - Please confirm that all of the long-term facilities will be reclaimed in the future. If any are designated as permanent in the Bowie No. 2 PAP, the associated acreages should be moved to that row in the ARR form.

**BRL:** There will be a permanent light use road that extends from SH-133 up through substation area, reference Map 18 and PAP page 2.05-31. This light use road is approximately 11,600 feet long and 20 feet wide (5.3 Acres).

Sincerely,

*J. E. Stover*

J. E. Stover, P.E.  
Consulting Engineer

# Colorado Division of Reclamation, Mining and Safety

## Annual Reclamation Report for Calendar Year – 2019

Bowie No. 2 Mine

C-1996-083

Bowie Resources, LLC

Mine Name

Permit Number

Permittee

P.O. Box 1488, Paonia, CO 81428

Address

This report, required by Rule 2.04.13, is due by February 15 of each year, or other date, as agreed upon by the Division. It should include text, discussion, and maps, at a minimum, in addition to any other reclamation monitoring data as required by the approved permit. The location of the acreage reported under each land status category and year of seeding (if applicable) should be clearly identified on a map included with the report.

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acreage in Active Mining Areas <sup>1</sup>	381		381	=	0

Land Category	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Acres Disturbed <sup>2</sup>	381			=	381
Acres Backfilled and Graded	98.5			=	98.5
Acres Topsoiled	98.5			=	98.5

Acreage in Long-term Facilities <sup>3</sup>	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Non-Permanent Facilities	282.5		-5.3	=	277.2
Permanent Facilities (permitted)		5.3		=	5.3
Totals	282.5			=	282.5

Acres Seeded (permanent)	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
9 Years and Less	74.2			=	74.2
10 Years and Greater	24.3			=	24.3
Totals	98.5			=	98.5

Bond Release	Last Year's Cumulative Total (from last year's ARR)	This Calendar Year			Cumulative Total
		Acres Added (+)	Acres Subtracted (-)		
Phase I Released	95.2			=	95.2
Phase II Released	45.33			=	45.33
Phase III Released	4.10			=	4.10

<sup>1</sup>Includes pits, topsoil stripped areas in advance of pits, and spoil not backfilled and graded

<sup>2</sup>Surface Mine Acres Disturbed = B&G + Long-Term Facilities + Active Mining Areas; Underground Mine Acres Disturbed = B&G + Long-Term Facilities; Separately-permitted Loadouts = B&G + Long-Term Facilities

<sup>3</sup>Includes haul, access and light-use roads, temporary dams and impoundments; permanent dams and impoundments; diversion and collector ditches, water and air monitoring sites; topsoil stockpiles; overburden stockpiles; repair, storage and construction areas; office area, repair shops, and parking; coal stockpiles, loading, and processing areas; railroads; coal conveyors; refuse piles and coal mine waste impoundments; head-of-hollow fills; valley fills; ventilation shafts and entryways; and non-coal waste disposal area (garbage dumps and coal combustion by-products disposal areas).