



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY COAL PROGRAM INSPECTION REPORT



PERMIT INFORMATION

Permit Number: C-1981-038 Mine Name: Bowie No. 1 Mine Operator: Bowie Resources, LLC Operator Address: Mr Basil Bear P.O. Box 1488 Paonia, CO 81428	County: Delta Operation Type: Underground Permit Status: Permanent Cessation Ownership: Federal
	Operator Representative Present: None Present
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: March 20, 2013 Inspection Start Time: 10:30 Inspection End Date: March 20, 2013 Inspection End Time: 12:00	Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency: None	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Susan L. Burgmaier	Inspector's Signature: <i>Susan Burgmaier</i> Signature Date: 03/21/2013

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

Y - Air Resource Protection

R - Availability of Records

R - Backfill & Grading

Y - Excess Spoil and Dev. Waste

NA - Explosives

R - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

R - Processing Waste

R - Roads

Y - Reclamation Success

Y - Revegetation

Y - Subsidence

Y - Slides and Other Damage

Y - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

Y - Topsoil

COMMENTS

This was a complete inspection of the Bowie No. 1 Mine conducted by Susan Burgmaier of CDRMS. Basil Bear of Bowie Resources, LLC was present during the records inspection but did not attend the site inspection. Weather conditions were clean and cool; ground conditions were muddy with some snow remaining on north facing areas.

The mine and refuse areas have been reclaimed. The loadout facility remains active.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

Records were inspected at the Bowie Resources, LLC Bowie No. 2 mine office. All required records were available and up to date.

BACKFILL and GRADING – Rule 4.14 □ Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Highwall Elimination 4.14.1(2)(f); Steep Slopes 4.14.2, 4.27; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

Regraded slopes at all of the disturbed areas appeared to be stable with no signs of any cracking or slumping.

FISH and WILDLIFE – Rule 4.18:

Elk and deer tracks were observed throughout the reclaimed area. A few deer were seen in the sediment pond at the east end of the loadout.

HYDROLOGIC BALANCE - Rule 4.05 □ Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

The ROM area pond and Pond 2 at the East Mine and the west loadout pond held water, but none were discharging. Ponds 1, 2, and 3 at the East Mine and the east loadout area pond were dry. The West Mine and

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West Ridge ponds were not accessible.

The silt fence at the ROM pond, around Steven's Gulch needs to be maintained this Spring. Ditch 7, reconstructed last Fall, appeared to be stable and in good condition.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11 □ Drainage Control; Surface Stabilization; Placement:

The old refuse disposal area appeared to be stable; the west pile was not accessible.

ROADS – Rule 4.03 □ Construction 4.03.1(3)/4.03.2(3) □ Drainage 4.03.1(4)/4.03.2(4) □ Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6) □ Reclamation 4.03.1(7)/4.03.2(7):

The road into the West Mine area was not plowed and was covered by about 6" of snow. The East Mine road was clear of snow but very muddy and not drivable.

SUPPORT FACILITIES - Rule 4.04:

The loadout area was free of snow and dry. Construction materials were being loaded in the shop area, but no other activities were observed.

SIGNS AND MARKERS – Rule 4.02:

Mine identification signs were observed at all entrances to the permit area from public roads. The identification signs displayed current required information.

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

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PHOTOGRAPHS



West Mine area



East Mine area

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Pond 4



Pond 2



Pond 3



Pond 1

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ROM area



ROM Pond



ROM area silt fence around Stevens Gulch

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Ditch 7



Old Refuse Pile

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West loadout pond



East loadout pond

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	April 20, 2018
Permit Application w/Revisions	X B.Bear office
Findings Document	12/20/2012 RN6
Insurance Certificate	2/1/2014
Bond Document	3 @\$5,761,290.00
Phased Bond Release	SL-2, SL-3
Documents/Findings	
Air Emission Permits	9/2/2004
County Special Use Permits	
UG Mining Landowner Notification	X
Subsidence Monitoring Reports	X 2011
Subsidence Monitoring Data	X 2011
Rill & Gully Survey	NA
Vegetation Monitoring Data	NA
Specific Variance Approvals	X
Annual Reclamation Reports	X 2012
Midterm Review Documents	X 2010
DRMS/OSM Inspection	X
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	7/29/2009
Temporary Cessation Notification	NA
Reclamation Cost Estimate	MT6
CERTIFICATIONS	
Pond Certifications	X
Annual Certifications for Large Impoundments	NA
Fill Certifications for Excess Spoil or Underground Development Waste	X
• Quarterly Inspections	NA
• Compaction Testing	NA
• Final Certification	NA
Coal Processing Waste Banks	
Haul Road Certifications	X
Access Road Certifications	NA

HYDROLOGIC RECORDS

NPDES Permit	X Exp 6/30/2013
NPDES Records	3 rd Q 2012
Stormwater Management Plan	Apr 2009
SPCC Plan	5/1/1992
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	X 4th Q 2012
Annual Hydrology Reports	X 2011
• Ground Water Monitoring	X
• Surface Water Monitoring	X
• Spring & Seep Monitoring	X
• Mine Water Discharge Monitoring	NA
• Mine Inflow Study	AHR
• Water Consumption Records	2011
Well Permits	NA

BLASTING RECORDS

Blasting Publication	NA
Blasting Records (3 years)	NA
ATFE Explosives Permit	NA
Blasting Variances	NA
Pre-Blast Surveys	NA

ADDITIONAL RECORDS (specify)

COMMENTS:

Variance from AOC MR93 and TR28

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