



PERMIT INFORMATION

Permit Number: C-1981-018 Mine Name: Deserado Mine Operator: Blue Mountain Energy, Inc. Operator Address: Mr. Kurtis Blunt 3607 County Road 65 Rangely, CO, 81648	County: Moffat, Rio Blanco Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: Kurt Blunt
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: April 28, 2022 Inspection Start Time: 10:51 Inspection End Date: April 28, 2022 Inspection End Time: 13:00		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts: None	
Post Inspection Agency: None		Post Inspection Contacts: None	
Inspector(s): Clayton Wein	Inspector's Signature: <i>Clayton Wein</i>		Signature Date: 5/5/2022

Inspection Topic Summary

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

N - Air Resource Protection

Y - Roads

N - Availability of Records

R - Reclamation Success

N - Backfill & Grading

N - Revegetation

R - Excess Spoil and Dev. Waste

N - Subsidence

N - Explosives

N - Slides and Other Damage

R - Fish & Wildlife

R - Support Facilities On-site

R - Hydrologic Balance

Y - Signs and Markers

Y - Gen. Compliance With Mine Plan

N - Support Facilities Not On-site

N - Other

N - Special Categories Of Mining

R - Processing Waste

Y - Topsoil

COMMENTS

This was a partial inspection of the Deserado Mine conducted on April 28, 2022. The inspection was completed by Clayton Wein of the Division. Kurt Blunt of Blue Mountain Energy (BME) accompanied the inspection. The weather was clear with a temperature of 65 degrees F. The ground conditions were dry.

EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09

Placement; Drainage Control; Surface Stabilization:

The Halandras Landfill was well maintained during the inspection. The waste materials were within the landfill pits and there was no off site impact observed. The sump at the south end of the landfill was dry and stable. The topsoil piles were stable with vegetative cover. There were no indications of erosion. The topsoil pile marker was identified on top of the piles.

FISH and WILDLIFE – Rule 4.18:

There were two ducks observed in one of the middle cells of the B Seam Dewatering System No. 1. Deer tracks were also observed at various locations visited during the inspection.

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 embankments of the RS-1 Sump and the RR-1 Pond were vegetated and stable. There were no indications of erosional features. There was no discharge observed from either the sump or the pond.

The SS-1 pond and SS-2 pond (Photo 1) are located to the Northeast and northwest of the Slot Storage facility. The SS-1 pond was impounding a small amount of water. There was no discharge from the pond. The embankments were stable with vegetative cover. No erosional features were seen. The SS-2 pond was dry at the

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time of the inspection. The outlet of the pond was clear of debris. The embankment was vegetated and stable. There were no indications of erosion.

The B Seam Dewatering System #2 was inactive during the inspection. Both the upper and middle cells were holding a small amount of water (Photo 2). There was no discharge from either cell observed. The embankments of the cells were stable with vegetation. The outlets for the cells were clear of debris. No erosional concerns were noted.

The B Seam Dewatering System #1 was active during the inspection. All cells in the system were impounding water. There was discharge from the Last Chance Pond observed (Photo 3). The concrete outlet and riprap lined channel were in good repair. No blockages were observed. The embankments for the cells were stable with vegetative cover. No erosional features were identified.

The RP-1 pond is located at the northern base of the RP-1 refuse pile. The pond was dry during the inspection and the outlet was clear of debris. The embankment was vegetated and stable. No erosional concerns were identified.

The RP-2/3 pond consists of three cells and is located at the northeastern base of the RP-2/3/4 refuse pile. All three cells were holding water at the time of the inspection. The outlets from the small cells into the main cell were in good condition. There was no discharge from the primary outlet on the main cell. The trash rack on the outlet was clean. The embankments for the cells were stable with vegetation. There were no erosional features observed.

The RP-4 pond is located at the northwestern base of the RP-2/3/4 refuse pile. The pond was holding water, but had not reached the level of the primary spillway (Photo 4). The trash rack on the spillway was clear of debris. The pond's embankment was stable with vegetative cover. There were no indications of erosion.

The RP-5 pond is located at the northern base of the RP-5a refuse pile. The pond was also holding water (Photo 5). The level of water impounded in the pond had not reached the primary spillway. The trash rack covering the spillway was clear of debris. The embankment was vegetated and stable. No erosional features were seen.

The Raw Water Lagoon was full during the inspection. The pond's embankment was stable with vegetation. There were no indications of erosion.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

Refuse material was placed on top of the RP-2/3/4 refuse pile in windrows for drying. The slopes of the pile were stable with no major erosional features. The slopes of the pile have minor rills on them/. The rills have been documented in previous division inspections. The rills do not affect the stability of the refuse pile.

Refuse material had been placed in windrows on top of the RP-5a refuse pile as well. The slopes of the pile were stable with minor rills. The rills on the slopes were not impacting the stability of the pile and have been documented in past Division inspections.

Refuse material had been spread and compacted on the RP-A refuse Pile. The pile was stable with no indications of erosion.

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RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The RP-1 refuse pile is the only reclaimed pile at the Deserado Mine. The pile was stable with mature vegetative cover. There were no indications of erosional features. The perimeter ditches were dry and stable.

SUPPORT FACILITIES - Rule 4.04:

Support Facilities inspected included; the B Vent Shaft No. 1 (Photo 6), RDH-2, the Halandras Landfill, The Slot Storage, the Nitrogen Plant #2, and the conveyor corridor w/ transfer buildings. Pads for the support facilities were in good condition. Only minor ruts were observed at the RDH-2 pad. The berms inspected were stable with vegetative cover. No off-site impacts were observed.

DOCUMENTS RECEIVED: None

OTHER (SPECIFY): None

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ENFORCEMENT ACTIONS/COMPLIANCE

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

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PHOTOGRAPHS



Photo 1: The SS-2 pond north of the Slot Storage.



Photo 2: The second cell of the B Seam Dewatering System #2.

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Photo 3: The discharge outlet of the Last Chance Pond.



Photo 4: The RP-4 Pond.

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Photo 5: The RP-5 pond.



Photo 6: The B Vent Shaft No. 1.

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