




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



**PERMIT INFORMATION**

<b>Permit Number:</b> C-1981-018 <b>Mine Name:</b> Deserado Mine <b>Operator:</b> Blue Mountain Energy, Inc <b>Operator Address:</b> Mr Scott Wanstedt 3607 County Road 65 Rangely, CO 81648	<b>County:</b> Rio Blanco <b>Operation Type:</b> Underground <b>Permit Status:</b> Active <b>Ownership:</b> Federal
	<b>Operator Representative Present:</b>  Scott Wanstedt
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> November 21, 2013 <b>Inspection Start Time:</b> 11:00 <b>Inspection End Date:</b> November 21, 2013 <b>Inspection End Time:</b> 14:00	<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Snowing
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>  None
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>  None
<b>Inspector(s):</b>  Zach T. Trujillo	<b>Inspector's Signature:</b>  <b>Signature Date:</b>

**Inspection Topic Summary**

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

N - Air Resource Protection

N - Availability of Records

R - Backfill &amp; Grading

N - Excess Spoil and Dev. Waste

Y - Explosives

N - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

R - Processing Waste

N - Roads

N - Reclamation Success

N - Revegetation

N - Subsidence

N - Slides and Other Damage

N - Support Facilities On-site

R - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

R - Topsoil

**COMMENTS**

This was a partial inspection of the Deserado Mine by Zach Trujillo of Colorado Division of Reclamation, Mining and Safety (DRMS) conducted on November 21, 2013. Scott Wanstedt of Blue Mountain Energy, Inc. (BME) accompanied the inspection. The weather was windy and snowing with the ground wet and/or frozen. Temperatures for the day were around thirty five degrees fahrenheit at the time of the inspection.

**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;

The pad associated with Borehole N11-58 is stable with no signs of erosion. A propane tank was added to the pad since the time inspected. Erosion control has yet to be constructed on the pad.

**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;

Pond DP-1 held water but with no discharge. Cattails around the primary spillway noted in previous inspection reports have been trimmed around the inlet. The embankment was stable with no issues in stability or erosion observed. The main ditch that feeds DP-1 from the facility bench was inspected. The ditch was stable with rip rap. No erosion or cutting was observed.

The Mine Dewatering pump was operating during the time of the inspection. Water was present up to the 5th pond where it was then pumped into the artificial wetlands. The wetlands held water up to the final cell. The Last Chance Pond held minimal water from rain and snow what was collected directly from the Last Chance Pond area. No water has been pumped into the Last Chance Pond from the artificial wetlands section. To the date of this inspection, no water has been pumped into or has been discharged from the Last Chance Pond.

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Number of Complete Inspections this Fiscal Year: 1

Ponds SS-1, SS-2, RRS-1 and RR-1 held no water. Embankments were stabilized with vegetation and no erosion was noted. Spillways and related channels were armored with rip rap with no erosion observed.

Ponds RP-2/3, RP-4 and RP-5 held water. None of the ponds were discharging. Embankments and spillways were stable with no issues observed.

No sign of erosion was observed in any of the SAEs that were inspected. All SAEs inspected were stable with proper sediment controls in place. The following SAEs were inspected:

- B-Vent Shafts
- Explosives Storage
- Rock Dust Tanks
- Nitrogen Station
- Nitrogen Injection Pad



Pond DP-1 with cattails removed from around inlet.



Pumping from dewatering pond 5 to artificial wetlands.

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

Drainage Control; Surface Stabilization; Placement:

Refuse is being stockpiled on RP-5A for the winter until weather allows proper conditions for spreading and compacting.

Both piles RP-2/3/4 and RP-5A were stable. Refuse was well compacted and no issues were observed.

#### SIGNS AND MARKERS – Rule 4.02:

Mine Identification signs were found along intersections of County Road 65 and the permit boundary, County

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Road 65 and the Deserado Mine entrance road, and County Road 65 and Highway 64. All signs were in compliance with required information.

**TOPSOIL – Rule 4.06**

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

The topsoil pile related to Deserado Mine's MR-157 was inspected. MR-157 proposes to move the topsoil back 25 feet away from the fuel storage area due to conflicting rules between DRMS and MSHA.

**DOCUMENTS RECEIVED**

**OTHER (SPECIFY)**

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**ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were necessary as a result of this inspection.

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