



**PERMIT INFORMATION**

<b>Permit Number:</b> C-1996-084 <b>Mine Name:</b> Lorencito Canyon Mine <b>Operator:</b> New Elk Coal Company, LLC <b>Operator Address:</b> Mr. Louis Head 12250 Highway 12 Weston, CO 81091	<b>County:</b> Las Animas <b>Operation Type:</b> Surface <b>Permit Status:</b> Permanent Cessation <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  None
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> October 11, 2017 <b>Inspection Start Time:</b> 12:34 <b>Inspection End Date:</b> <b>Inspection End Time:</b>	<b>Inspection Type:</b> Aerial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear		
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>		
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>		
<b>Inspector(s):</b>  Harry B. Ranney	<table border="0"><tr><td><b>Inspector's Signature:</b>  <i>Robert D. ZL</i></td><td><b>Signature Date:</b>  10/12/2017</td></tr></table>	<b>Inspector's Signature:</b>  <i>Robert D. ZL</i>	<b>Signature Date:</b>  10/12/2017
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**Inspection Topic Summary**

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

NA - Air Resource Protection

N - Availability of Records

NA - Backfill &amp; Grading

R - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

R - Roads

R - Reclamation Success

N - Revegetation

NA - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

N - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

N - Topsoil

**COMMENTS**

The Lorencito Canyon Mine was photographed from an airplane by Harry Ranney of DRMS on October 11, 2017. These photos were reviewed by Rob Zuber of DRMS on October 12, 2017. The weather was clear.

**EXCESS SPOIL and DEVELOPMENT WASTE – Rule 4.09**

Placement; Drainage Control; Surface Stabilization:

Fills 7, 8, and 9 were generally in good condition.

**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:

Ponds 8 and 9 were inspected closely, and both contained a large amount of water. No issues were identified with embankments or spillways. As in the past, the bank opposite the Pond 9 embankment (inlet side) is highly eroded.

The embankments of Ponds 6, 7, and 9A were not seen, but it could be determined that each of these ponds held significant volumes of water.

**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):

No problems with roads were identified.

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1

## RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The northwest portion of the large hill (aka “the knob”) appears to have many rills requiring maintenance. The north and east sides appear to be in good shape. The south side of the knob was not visible in the photos.

Rills appear to be stabilizing on the hillside above the area where pond cleanings are dumped.

**ENFORCEMENT ACTIONS/COMPLIANCE**

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

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1

**PHOTOGRAPHS**



**Pond 8 and Fill 8 with “the knob” in upper right part of photo**

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1

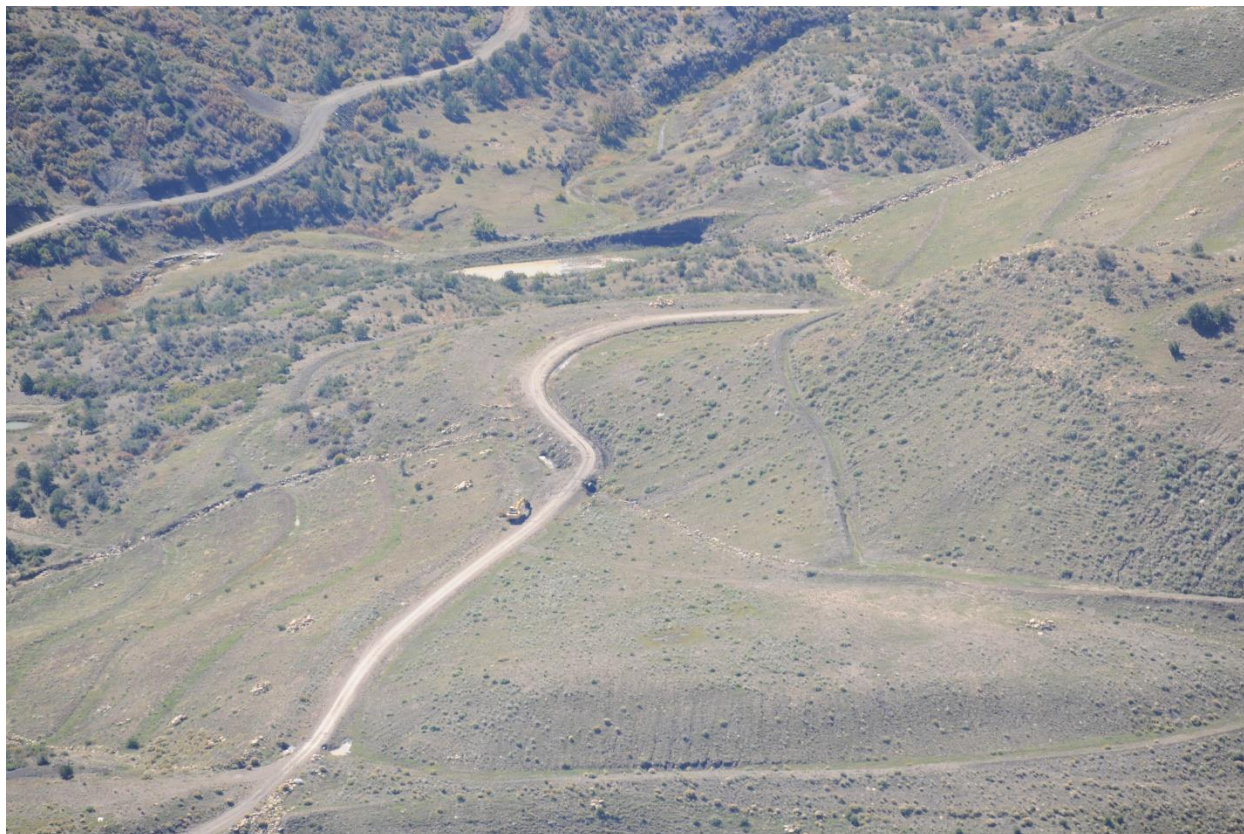




**Fill 8 and pond cleanings dump area**

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1



**Fill 9 (lower left) and Fill 7 (upper right)**

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1





**Pond 9**

Number of Partial Inspection this Fiscal Year: 4

Number of Complete Inspections this Fiscal Year: 1