



**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>  Nick Mason, Vince Massarotti
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> May 29, 2019 <b>Inspection Start Time:</b> 07:00 <b>Inspection End Date:</b> May 29, 2019 <b>Inspection End Time:</b> 09:00		<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Cloudy	
<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>  Robert D. Zuber, P.E.	<b>Inspector's Signature:</b>  <i>Robert D. Zuber</i>		<b>Signature Date:</b>  5/30/2019

**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 & Grading**R** - Excess Spoil and Dev. Waste**NA** - Explosives**Y** - Fish & Wildlife**R** - Hydrologic Balance**Y** - Gen. Compliance With Mine Plan**N** - Other**NA** - Processing Waste**Y** - Roads**R** - Reclamation Success**Y** - Revegetation**NA** - Subsidence**Y** - Slides and Other Damage**NA** - Support Facilities On-site**N** - Signs and Markers**R** - Support Facilities Not On-site**N** - Special Categories Of Mining**N** - Topsoil**COMMENTS**

A partial inspection was conducted by Rob Zuber of DRMS on May 29, 2019. The weather was cloudy and cool. The ground was dry.

Vince Massarotti and Nick Mason of NECC were present for the inspection.

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

Placement; Drainage Control; Surface Stabilization:

Fills 7, 8, and 9 were inspected. No large rills or gullies were seen. The vegetation on all three fills looks very good.

**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:

All ponds were inspected: 5, 6, 7, 8, 9, and 9a. Pond 6 contained significant water. The others were nearly dry or dry. None of them were discharging. No problems were identified with embankments, spillways, or other features of the ponds.

No problems were found with ditches. Ditch D84 appears to remain stable. Ditch D3 was examined closely, and the channel contained significant vegetation and no erosion.

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 4

**RECLAMATION SUCCESS - Rule 4.15, Rule 3:**

No erosion or other problems were seen with BA-3 (it was viewed from across the creek).

The large hill known as “the knob” looked to be generally stable, with no gullies.

Further treatment of rills is recommended on the hillside above Pond 6. The hillside above the pond cleaning dump area is healing well, however the dump area itself has a significant amount of area that is devoid of vegetation.

**OFFSITE SUPPORT FACILITIES - Rule 4.04, 4.28:**

New Elk Coal Company manages the Lorencito Canyon Mine as well as the New Elk Mine, and support facilities for both mines are at the New Elk Mine site. No issues were found at the New Elk facilities during a May 28 inspection, as documented in the inspection report for New Elk.

**ENFORCEMENT ACTIONS/COMPLIANCE**

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

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**PHOTOGRAPHS**



**Area where pond cleanings are dumped**



**Fill 8**

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 4



**Ditch D84 below Fill 8**



**Pond 6 and watershed above it**

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**Ditch D3, looking downhill**



**Fill 9**

Number of Partial Inspection this Fiscal Year: 7

Number of Complete Inspections this Fiscal Year: 4