




**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 22, 2018 <b>Inspection Start Time:</b> 12:30 <b>Inspection End Date:</b> <b>Inspection End Time:</b>		<b>Inspection Type:</b> Coal Complete 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>  		<b>Signature Date:</b>  5/23/2018

**Inspection Topic Summary**

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

NA - Air Resource Protection

Y - Availability of Records

NA - Backfill &amp; Grading

R - Excess Spoil and Dev. Waste

NA - Explosives

R - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

R - Roads

R - Reclamation Success

Y - Revegetation

NA - Subsidence

Y - Slides and Other Damage

NA - Support Facilities On-site

Y - Signs and Markers

Y - Support Facilities Not On-site

Y - Special Categories Of Mining

Y - Topsoil

**COMMENTS**

A complete inspection was conducted by Rob Zuber of DRMS on May 22, 2018. The weather was partly cloudy and then became windy and rainy at end of inspection. The ground was dry. Nick Mason and Vince Massarotti 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 Fills 7 and 9 are dry for lack of recent rain on the site.

**FISH and WILDLIFE – Rule 4.18:**

Several elk were seen near the top of Fill 8.

**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:

Several ponds were inspected: 6, 7, 8, 9, and 9A. All but Ponds 6 and 9 were dry. None of them were discharging. No problems were identified with embankments or emergency spillways.

Ditch D86 look to be stable and BMPs are functioning.

Number of Partial Inspection this Fiscal Year: 9

Number of Complete Inspections this Fiscal Year: 4

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 were seen with roads.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

Rills on the hillside above Pond 6, on the hillside above the pond cleaning dump area, and on the west side of “the knob” need repair, but do not appear to have gotten worse in past months.

**ENFORCEMENT ACTIONS/COMPLIANCE**

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

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**PHOTOGRAPHS**



**Fill 8**



**Pond 8**

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**BMPs in Ditch D86**



**Hill above pond cleaning dump area**



**West end of “the knob”**

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**Hill above Pond 6**



**Fill 7**



**Fill 7**

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**AVAILABILITY OF RECORDS****PERMIT RECORDS**

DRMS Permit	Expires 11/7/2022
Permit Application w/Revisions	yes
Findings Document	RN4 (Jan. 2018)
Insurance Certificate	Exp. April 2019
Bond Document	\$927,121.00
Phased Bond Release	SL2,
Documents/Findings	Findings 4/29/08
Air Emission Permits	Terminated
County Special Use Permits	SUP-01-020
UG Mining Landowner Notification	n/a
Subsidence Monitoring Reports	n/a
Subsidence Monitoring Data	n/a
Rill & Gully Survey	2017 ARR
Vegetation Monitoring Data	
Specific Variance Approvals	n/a
Annual Reclamation Reports	2017
Midterm Review Documents	MT4 (findings Jan. 2016)
DRMS/OSM Inspection	Through
Reports/Enforcement Actions	April 2018
Transfers/Succession of Operator	Executed 2008
Temporary Cessation Notification	n/a
Reclamation Cost Estimate	RN4, \$877,328
<b>CERTIFICATIONS</b>	
Pond Certifications	Yes, Exhibit 15
Annual Certifications for	n/a
Impoundments	
Fill Certifications for Excess Spoil	2003
or Underground Development Waste	
• Quarterly Inspections	Q4 2017
• Compaction Testing	
• Final Certification	
Coal Processing Waste Banks	n/a
Haul Road Certifications	yes
Access Road Certifications	yes

**HYDROLOGIC RECORDS**

NPDES Permit	CO0048988
NPDES Records	Q3 2015 (terminated monitoring)
Stormwater Management Plan	2007
SPCC Plan	n/a
MSHA Pond Inspections	n/a
State Engineer's Pond Inspection	n/a
Quarterly Pond Inspections	<b>* Comment 1</b>
Annual Hydrology Reports	Terminated
• Ground Water Monitoring	
• Surface Water Monitoring	
• Spring & Seep Monitoring	
• Mine Water Discharge	
Monitoring	
• Mine Inflow Study	
• Water Consumption Records	
	201451, 201453-
Well Permits	201476

**BLASTING RECORDS**

Blasting Publication	n/a
Blasting Records (3 years)	n/a
ATFE Explosives Permit	n/a
Blasting Variances	n/a
Pre-Blast Surveys	n/a

**ADDITIONAL RECORDS**

(specify)	
None at this time	

**Comments**

**\*1 Through Q4 2017. Staff to contact Ron Thompson for newer reports.**

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