



**PERMIT INFORMATION**

<b>Permit Number:</b> C-1981-028 <b>Mine Name:</b> Keenesburg Strip Mine <b>Operator:</b> Coors Energy Company <b>Operator Address:</b> Mr. Danny Kipp 1801 California Street Suite 4600 Denver, CO 80202	<b>County:</b> Weld <b>Operation Type:</b> Surface <b>Permit Status:</b> Active <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  None
<b>Operator Representative Signature:</b> (Field Issuance Only)  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> May 6, 2020 <b>Inspection Start Time:</b> 07:35 <b>Inspection End Date:</b> May 6, 2020 <b>Inspection End Time:</b> 07:38		<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>  Robert Zuber, P.E.  Brock Bowles	<b>Inspector's Signature:</b>  <i>Robert D. Zuber</i>		<b>Signature Date:</b>  5/7/2020

**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

NA - Backfill &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish &amp; Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

N - Roads

R - Reclamation Success

N - Revegetation

NA - Subsidence

Y - Slides and Other Damage

R - Support Facilities On-site

N - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

**COMMENTS**

An aerial inspection was conducted by Rob Zuber and Brock Bowles of DRMS. Brock took aerial photos on May 6th, and Rob reviewed them on the 7th. The weather was clear.

The placement of topsand on reclamation appears to be nearly complete. Piles of mulch are staged near the Long-Term Spoil Area and along the road beside the Dugout Pond.

**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:

A small amount of water was observed in Sediment Pond #2. Trees obscured the Dugout Pond, and it is not clear if it contained water. Neither pond appeared to be discharging during the inspection. There were no signs that they had discharged recently. No problems were observed with embankments or other aspects of the two ponds.

**GENERAL MINE PLAN COMPLIANCE:**

No negative impacts from the mine were detected on off-site areas. This includes areas adjacent to the north side of the permit area, where recent and current reclamation has been done.

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

No erosion or other problems were seen within any fully reclaimed parcels or at the areas undergoing reclamation. This latter category includes roads, B Pit and the Long Term Spoil Area.

Vegetation is green in many areas, but not in others, such as Parcels 25 and 34.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 2

**SUPPORT FACILITIES - Rule 4.04:**

No problems were seen at the facilities area.

**TOPSOIL – Rule 4.06**

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

No erosion or other problems were seen at the topsand pile areas. South of the facility area, pile A-1 appears to be completely gone. As noted in past reports, the topsand at the north side of the site (Pile A-3) has all been spread on the reclaimed areas.

**DOCUMENTS RECEIVED - none****OTHER (SPECIFY) - none****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: 6

Number of Complete Inspections this Fiscal Year: 2

**PHOTOGRAPHS**

*Reclaimed Long-Term Spoil Area*

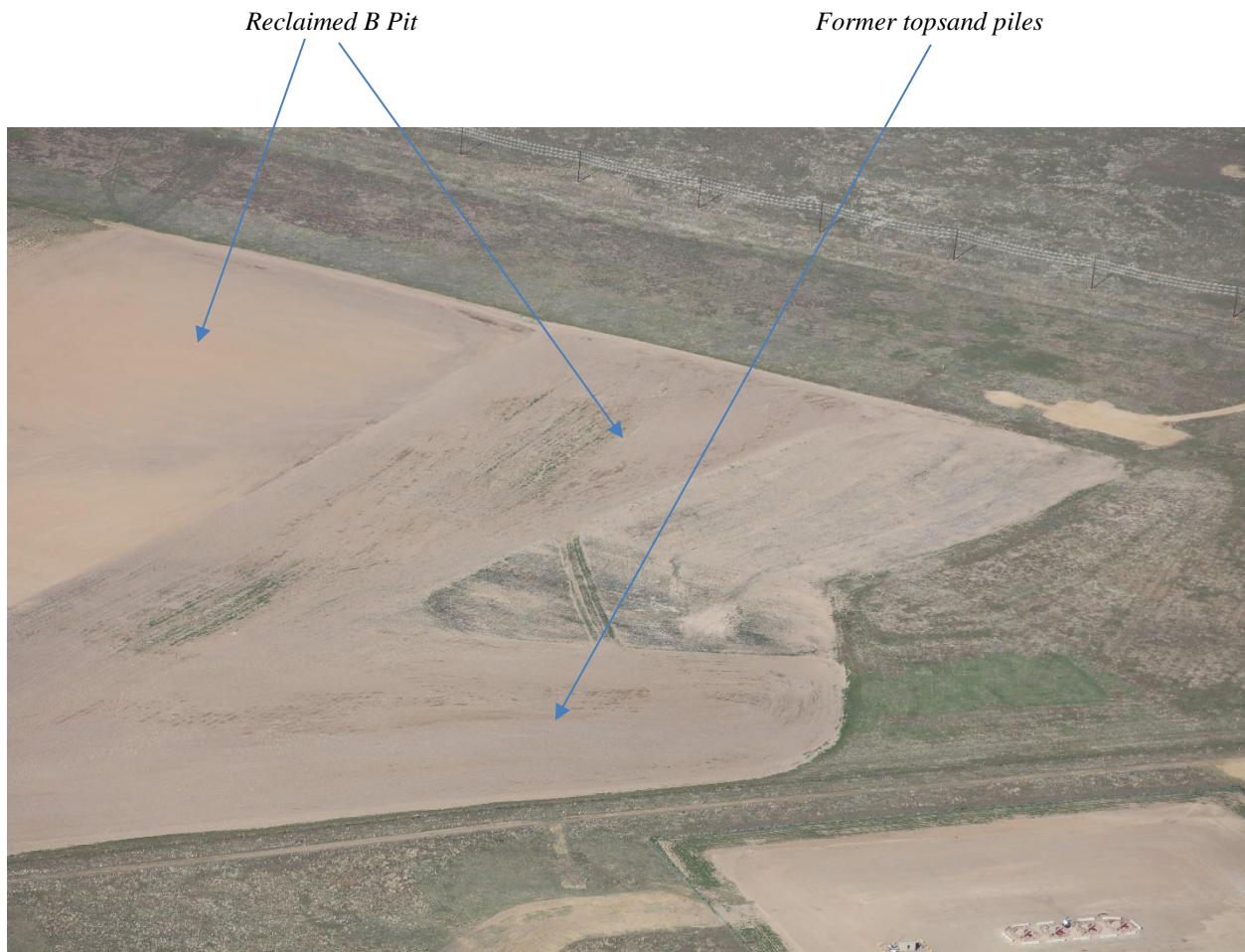
*Former topsand piles*



**Looking west at site**

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**Northwest portion of reclamation**

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**Topsand area south of facilities**



**Facilities and Dugout Pond**

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