



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0070019
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, September 25, 2019
Start Date/Time:	9/25/2019 8:00:00 AM
End Date/Time:	9/25/2019 12:00:00 PM
Last Inspection:	Thursday, July 25, 2019

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Karin Madsen

Inspector: Priscilla Burton,

Weather: sun 50F

InspectionID Report Number: 6525

Accepted by: SCHRISTE
9/26/2019

Permittee: **ANDALEX RESOURCES INC**
 Operator: **ANDALEX RESOURCES INC**
 Site: **CENTENNIAL MINE**
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **INACTIVE**

Current Acreages

2,274.77	Total Permitted
47.19	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Observed degas and mine facilities. Refer to Appendix X Figure 1-1 for degas well locations. Refer to Plate 6 for surface facilities.

Inspector's Signature: **Priscilla Burton**
 Priscilla Burton,
 Inspector ID Number: 37

Priscilla Burton
 2019.09.26 10:22:12 -06'00'

Date Wednesday, September 25, 2019

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.
 telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The mine has been in temporary cessation since 2008. Permit was issued January 4, 2017. Mid-term review response (Task 5986) is under review by Division staff.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Sediment ponds were inspected on 9/9/2019.

4.d Hydrologic Balance: Water Monitoring

Flow in the by-pass culvert was sampled in July 2019 (surface water monitoring site 18-3).

4.e Hydrologic Balance: Effluent Limitations

There was no discharge from the site in this quarter.

9. Protection of Fish, Wildlife and Related Environmental Issues

The degas pads were chemically treated for weeds in June and again in August 2019. Sites 4, 5, and 8A have a noticeable reduction of thistle. Site 9 appears to have been missed and musk thistle covers a large area of site 9 and the adjacent topsoil stockpile. Site 8 should also be revisited.

11. Contemporaneous Reclamation

Reclamation of pads and access roads is almost complete. Topsoil will be applied to the rocks above the reclaimed degas well 5A and the access road to 5A will be ripped. The access roads and pads will be seeded later this fall.

15. Cessation of Operations

Temporary cessation notice was provided April 1, 2008. All portals have permanent seals. The Apex intake portals were also backfilled in front of the seals.

20. Air Quality Permit

Air Quality Approval Order DAQE 997-96 was updated 11/18/2003.

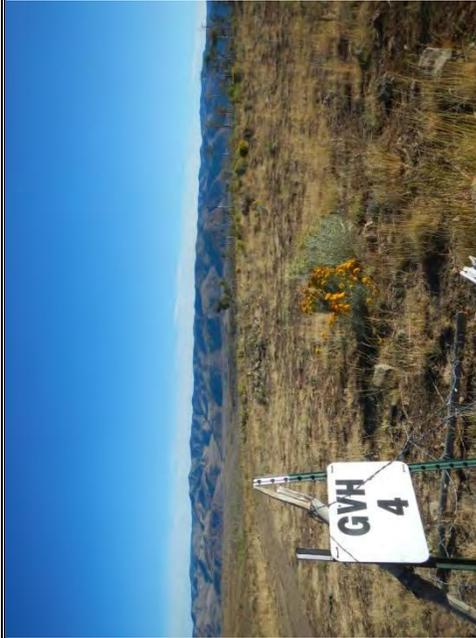
21. Bonding and Insurance

Liability insurance names the Division as the certificate holder. The coverage is valid through June 1, 2020.

22. Other

Carbon County business license expires 12/31/2019

PHOTO ATTACHMENT Centennial Inspection Report 6525 September 25, 2019



GVH 4 Well is plugged



GVH 8 Well is capped not plugged.

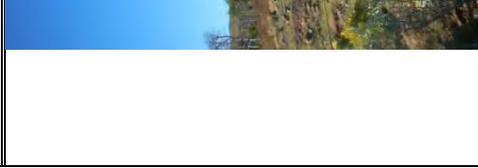
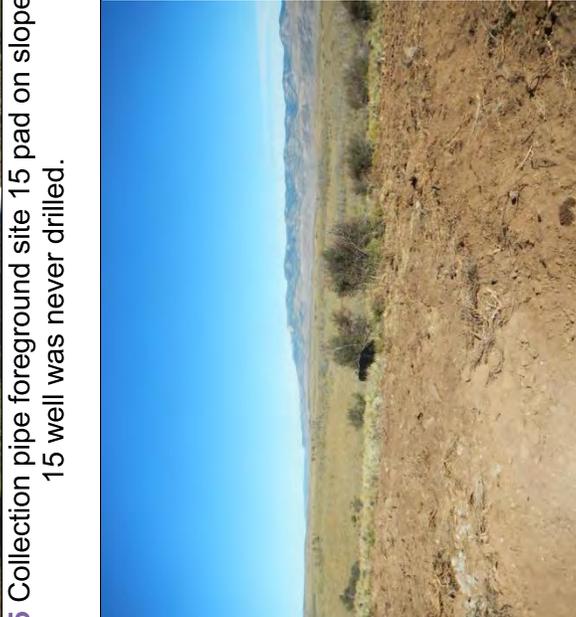


GVH 8A Well is capped not plugged.



GVH 8A Well is capped not plugged.

PHOTO ATTACHMENT Centennial Inspection Report 6525 September 25, 2019

	<p>GVH 9 Well is capped not plugged. Pad is on the left. Compressor station is on the right.</p>
	<p>GVH 15 Collection pipe foreground site 15 pad on slope. Site 15 well was never drilled.</p>
	<p>GVH 5A Well is plugged. Soil to be placed on rock above well.</p>
	<p>RECLAIMED ACCESS Left: reclaimed road to site 12. Right: reclaimed road to site 11.</p>