

*File*



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
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INSPECTION REPORT

Permittee and/or Operators Name: CASTLE GATE COAL COMPANY (CGCC)  
 Business Address: P.O. Box 449 HELPER, UT 84526  
 Mine Name: PRICE RIVER COMPLEX Permit Number: ACT/007/004  
 Type of Mining Activity: Underground  Surface  Other   
 County: CARBON  
 Company Official(s): RICHARD ALLISON  
 State Official(s): DAVID LOE AND DAVID CLINE  
 Inspection Date and Time: JULY 1, 1986 12:45 - 3:00 PM  
 Partial:  Complete:  Date of Last Inspection: 6/13/86  
 Weather Conditions: MOSTLY CLEAR & HOT  
 Acreage: Permitted 850 Disturbed 130 Regraded 6.5 Seeded 6.5 Bonded 130  
 Enforcement Action: NONE

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	Comments
1. PERMITS	( )	( )	( )	( )
2. SIGNS AND MARKERS	( )	( )	( )	( )
3. TOPSOIL	( )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( X )	( )	( )	( X )
b. DIVERSION'S	( )	( )	( )	( )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( )	( )	( )	( )
d. OTHER SEDIMENT CONTROL MEASURES	( )	( )	( )	( )
e. SURFACE AND GROUNDWATER MONITORING	( )	( )	( )	( )
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5. EXPLOSIVES	( )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	( )	( )	( )	( )
7. COAL PROCESSING WASTE	( )	( )	( )	( )
8. NONCOAL WASTE	( )	( )	( )	( )
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	( )	( )	( )	( )
10. SLIDES AND OTHER DAMAGE	( )	( )	( )	( )
11. CONTEMPORANEOUS RECLAMATION	( )	( )	( )	( )
12. BACKFILLING AND GRADING	( )	( )	( )	( )
13. REVEGETATION	( )	( )	( )	( )
14. SUBSIDENCE CONTROL	( )	( )	( )	( )
15. CESSATION OF OPERATIONS	( )	( )	( )	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( )	( )
b. DRAINAGE CONTROLS	( )	( )	( )	( )
c. SURFACING	( )	( )	( )	( )
e. MAINTENANCE	( )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS	( )	( )	( )	( )

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Permit Number: ACT/007/004

Date of Inspection: 7/1/86

COMMENTS

(Comments are Numbered to Correspond with Topics Listed Above)

A. STREAM CHANNEL DIVERSIONS

THE PRIMARY PURPOSE OF THIS INSPECTION WAS TO GO OVER PLANS FOR THE RECONSTRUCTION OF HARDSCRABBLE CANYON DIVERSION D-6 PRIOR TO CONSTRUCTION, AND DISCUSS RIPRAP AND FILTER BLANKET REQUIREMENTS WITH THE OPERATOR. THE INSPECTION FINDINGS AND DISCUSSION HAVE BEEN DOCUMENTED BY DAVE CLINE IN A MEMO TO FILE DATED 7/1/86 AND ATTACHED TO THIS INSPECTION REPORT AS APPENDIX A.

Copy of this Report:

Mailed to: DANNA GRIFFIN OSM RICHARD ALLISON - CGCC  
Given to: JOE MELERICK & JOE LUNNER

Inspectors Signature and Number: David J. [Signature] 8/1/86 #A

APPENDIX A.

July 8, 1986

TO: Coal File  
FROM: Dave Cline, Reclamation Hydrologist *DC*  
RE: Site Tour of Hardscrabble Canyon, Castle Gate Coal Company, ACT/007/004, Carbon County, Utah

On July 1, 1986 Dave Cline and Dave Lof of the Division reviewed undisturbed diversion D-6 prior to construction modifications by Castle Gate Coal Company. We were joined on site by Rich Allison of Castle Gate. The purpose of the site visit was to examine the diversion and determine areas where riprap would be required. The drainage control modification submitted by Castle Gate in October of 1985 and approved by the Division on April 21, 1986 included a commitment by the operator to rip rap diversion D-6 in all areas that were not underlain by bedrock. Mr. Allison requested the visit by the Division to make the determination of where rip rap will be needed.

Diversion D-6 was walked from beginning to end and the following observations were made:

1. Riprap will be required on the channel bottom and along the reconstructed berm along its entire length.
2. The majority of the left side (looking upstream) of the diversion is either constructed in bedrock or is heavily vegetated. Therefore, riprap will not be required in areas of bedrock or vegetation.

Mr. Allison was told that the channel would need to be riprapped along its total length on the bottom and right hand, (berm) side. He was also told that the rip rap should be graded as close to possible to the size gradation presented in Barfield, Warner and Haan, 1983 and a well graded filter blanket would be required. Additionally, Mr. Allison was told that the thickness of the riprap and filter blanket should be taken into account during excavation in order to maintain the cross-section design.

jvb  
7000R-15

cc: Dave Lof