



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
 Governor
 Ted Stewart
 Executive Director
 James W. Carter
 Division Director

1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
 801-538-7223 (TDD)

September 26, 1997

TO: File

THRU: Joe Helfrich, Permit Supervisor *JH*

FROM: Jess Kelley, Reclamation Specialist *JK*

RE: Extension of Culvert UC-3 and Adjacent Disturbed Area Boundary, Horizon Coal Corporation, Horizon Mine, ACT/007/020-97D, Folder #2, Carbon County, Utah

SUMMARY:

During the construction of the surface facilities at this site, the permittee discovered that the disturbed area boundary in Jewkes Creek Canyon, as shown on the approved maps, did not correspond to the approved legal description, according to which the on-the-ground markers had been placed. The permittee thus proposes, by this amendment, to correct the disturbed area boundary, as it is shown on the approved maps. This will also require the extension of the main pad and of Culvert UC-3 for approximately 100 feet upstream in Jewkes Creek.

TECHNICAL ANALYSIS:

ENVIRONMENTAL RESOURCE INFORMATION

MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION

Analysis:

Affected Area Boundary Maps

In 1997, the affected area boundary, as it was represented on the approved maps, was revised to correspond both with its approved legal description and with how it was actually

delineated by markers on the ground, which were identical the one with the other. This revision resulted in the extension of the affected area boundary, on the approved maps only, for approximately 100 feet up Jewkes Creek. The corrected affected area boundary is shown on Drawing A, which is found in Appendix 3-9.

Findings:

The plan fulfills the requirements of this section.

OPERATION PLAN

MINING OPERATIONS AND FACILITIES

Analysis:

Facilities and Structures

In 1997, the affected area boundary, as it was represented on the approved maps, was revised to correspond both with its approved legal description and with how it was actually delineated by markers on the ground, which were identical the one with the other. This revision resulted in the extension of the affected area boundary, on the approved maps only, for approximately 100 feet up Jewkes Creek. As part of the same revision, both the main pad in this area and Culvert UC-3, which carries Jewkes Creek beneath the main pad, were also extended approximately 100 feet upstream to the boundary of the affected area.

The 1997 correction of the affected area boundary and the resulting extension of the main pad and of Culvert UC-3 are discussed in Appendix 3-9. The corrected affected area boundary, the main pad extension, and the culvert extension are shown on Drawing A, which is found in Appendix 3-9.

Findings:

The plan fulfills the requirements of this section.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Analysis:

Affected Area Maps

In 1997, the affected area boundary, as it was represented on the approved maps, was revised to correspond both with its approved legal description and with how it was actually delineated by markers on the ground, which were identical the one with the other. This revision resulted in the extension of the affected area boundary, on the approved maps only, for approximately 100 feet up Jewkes Creek. The corrected affected area boundary is shown on Drawing A, which is found in Appendix 3-9.

Mining Facilities Maps

In 1997, the affected area boundary, as it was represented on the approved maps, was revised to correspond both with its approved legal description and with how it was actually delineated by markers on the ground, which were identical the one with the other. This revision resulted in the extension of the affected area boundary, on the approved maps only, for approximately 100 feet up Jewkes Creek. As part of the same revision, both the main pad in this area and Culvert UC-3, which carries Jewkes Creek beneath the main pad, were also extended approximately 100 feet upstream to the boundary of the affected area. The corrected affected area boundary, the main pad extension, and the culvert extension are shown on Drawing A, which is found in Appendix 3-9.

Findings:

The plan fulfills the requirements of this section.

RECLAMATION PLAN

MAPS, PLANS, AND CROSS SECTIONS OF RECLAMATION OPERATIONS

Analysis:

Affected Area Boundary Maps

In 1997, the affected area boundary, as it was represented on the approved maps,

Page 4
ACT/007/020-97D
September 26, 1997

was revised to correspond both with its approved legal description and with how it was actually delineated by markers on the ground, which were identical the one with the other. This revision resulted in the extension of the affected area boundary, on the approved maps only, for approximately 100 feet up Jewkes Creek. The corrected affected area boundary is shown on Drawing A, which is found in Appendix 3-9.

RECOMMENDATION:

It is recommended that the permittee revise the approved maps to show the revised affected area boundary and that, thereafter, this amendment be approved and included in the approved plan.

cc: Daron Haddock
O:\007020.HZN\FINAL\CULVEXTE.97D