



Technical Analysis and Findings
Utah Coal Regulatory Program

March 23, 2016

PID: C0070005
TaskID: 5087
Mine Name: SKYLINE MINE
Title: REVISION 7 LEFT 16 RIGHT MINE 4

General Contents

Right of Entry

Analysis:

Analysis:
The application meets the requirements of R645-301-114.100 for Right of Entry (ROE).
The 16R panel is in Carbon County, T 12 S, R 6 E Section 25 and Sec 36. ROE to the 16R panel is through UTU6739-1 and the Carbon County Lease.
The 7-L panel is in Carbon County, T 12 S, R 6E Sections 2 & 3. ROE is by Lease UTU-67939.
The development work and 1R panel is in Emery County, T 13 S, R 6E, Section 22. ROE is by Lease U-0147570.
A typographic error for the listing of lease U-0147570 on the revision of page 3-81 was noted and must be corrected in the clean copies.

pburton

Operation Plan

Mining Operations and Facilities

Analysis:

The amendment meets all the State of Utah R645 requirements for Mining Operations and Facilities.
The amendment meets the minimum requirements of R645-301-523, -526, and 528 by addressing by including a description of the mining operation, method of coal mining, engineering techniques, anticipated annual and total production of coal by tonnage, and major equipment to be used for all aspects of those operations proposed to be conducted during the life. This particular amendment contains minor plan modification to existing leases UTU-67939, U-0147570, and U-044076. The timing in the Mine No 3 Lower OConnor A seam and flat canyon seams is being modified to include a 7-left panel, 16-Right panel, both development work, and a 1-Right panel in the future No 4 mine area. This modification is in part to maximize coal recovery with adequate ventilation conditions within the mine. The overburden for both the 7-Left and 16-Right panels ranges from 700 feet to 1,400 feet. Panel 1-Right has an overburden ranging from 1,000 to 1,200 feet and no impacts or

subsidence is anticipated. Chapter 3, Section 3.3 was amended to include the above information within the timing of operations. Plate 3.3-2 was also amended to illustrate the additional panels.

cparker

Subsidence Control Plan Renewable Resource

Analysis:

The amendment meets the State of Utah R645-301-525.130 requirements for Subsidence Control Plan with a renewable resources survey.

The minimum requirements of R645-301-525.130 are met in the amendment as the Permittee presented a clear subsidence plan for protected areas. . The overburden for both the 7-Left and 16-Right panels ranges from 700 feet to 1,400 feet. Panel 1-Right has an overburden ranging from 1,000 to 1,200 feet and no impacts or subsidence is anticipated. Chapter 3, Section 3.3 was amended to include the above information within the timing of operations. Plate 3.3-2 was also amended to illustrate the additional panels. The plate shows a small spring located about Panel 1-Right, however, with over 1,000 feet of overburden it is unlikely any damage to the spring will be done. There are no other renewable resources located in the area considered within this amendment.

cparker

Subsidence Control Plan Subsidence

Analysis:

The amendment meets the State of Utah R645-301-525.400 requirements for Subsidence Control Plan.

The minimum requirements of R645-301-525.400 are met in the amendment as the Permittee presented a clear subsidence plan for protected areas. No impacts are anticipated over the area being modified within this application. The current subsidence plan contains adequate coverage in the unlikely event of subsidence.

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Subsidence Control Plan Performance STD

Analysis:

The amendment meets the State of Utah R645-301-525.requirements for Performance Standards for Subsidence Control.

The amendment meets the minimum requirements of R645-301-525.300 due to no changes to the performance standard already approved within the MRP. No impacts are anticipated over the area being modified within this application. The current subsidence plan contains adequate coverage in the unlikely event of subsidence.

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Hydrologic Ground Water Monitoring

Analysis:

The amendment meets the State of Utah R645 requirements for Hydrologic Ground Water Monitoring.

The proposed additional longwall panel is in an area that has had baseline and operational groundwater monitoring taking place for years. The proposed longwall does not appear to undermine any springs with associated water rights. The area will still be monitored for subsidence.

adaniels

Hydro Surface Water Monitoring

Analysis:

The amendment meets the State of Utah R645 requirements for Hydrologic Surface Water Monitoring.

The proposed longwall panel is in an area that has had surface water baseline data collected for many years. The proposed longwall panel will not undermine any perennial streams, and monitoring in the area will continue to take place for surface

Maps Mine Workings

Analysis:

The amendment meets the State of Utah R645-301-521.140 requirements for Mine Workings Maps.

The amendment meets the minimum requirements of R645-301-521.140 which requires maps that clearly show all mine plans. Plate 3.3-2 was also amended to illustrate the additional panels.

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Reclamation Plan

General Requirements

Analysis:

The amendment meets the State of Utah R645 requirements for Reclamation Activities.

The minimum requirements of R645-301-540 are met within the amendment as there is no change to the existing MRP reclamation details.

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Bonding and Insurance General

Analysis:

The amendment meets the State of Utah R645 requirements for Bonding and Insurance Requirements.

The amendment meets the minimum requirements of R645-301-800 as the applicant is current on the bond and insurance standings.

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